Lancaster Farming

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Virgil, the world's first test tube calf, lies beside mother Penny after his birth, Tuesday, at the University of Pennsylvania's New Bolton Center in Kennett Square. Photo by Lynne Klunder, New Bolton Center.

World's first test tube calf born

BY DEBBIE KOONTZ

KENNETT SQUARE — The world's first test tube calf was born Tuesday at the University of Pennsylvania's New Bolton Center, here, near Philadelphia.

"Virgil," as the 95-pound Holstein calf was christened, caused quite a stir among veterinarians and research scientists Wednesday.

At a press conference held by the Center, Dr. Benjamin G. Brackett, professor of animal production, said, "We are very, very pleased and excited to have been the first to accomplish this."

Virgil is the product of an "in vitro" fertilization with semen from one of Atlantic Breeders Cooperative's bulls, Tri-Town Shadow Wave, l5H212, bred by J.Z. Nolt of Leola, according to Alan Bair, director of member services.

Brackett said the semen was treated and used for the "in vitro" insemination of an egg obtained from "the ovary of a hormonally-treated donor cow" whose name and identification were not available according to Brackett.

The egg exhibited evidence of fertilization 24 hours later and after 47 hours had developed into the four-cell stage. At this time, September 5 of last year, the embryo was placed into the recipient cow, identified only as "Penny."

According to Brackett, this process will add to the "efficiency in food animal production," adding it to the procedures of artificial insemination, and more recently, embryo transfer.

"The most practical potential application is through food production," he explained.

He further added that such animal experimentation has been done in the past with only litter-bearing animals with short gestation periods such as the mouse, rat and rabbit.

Brackett listed the following as being significant factors resulting from the birth:

—To enable an infertile cow to have a calf provided eggs can still be obtained.

—To maximize the utilization of semen from a valuable bull and of eggs from a valuable cow.

—To obtain a rapid, direct way to assess sperm fertilization ability.

"A bull may be able to sire as many as 50,000 calves a year from embryo transfer. But with 'in vitro', the potential is here for one bull to sire millions of calves a year. And now it's also possible to fertilize each egg from a grade cow, thus greatly enhancing reproduction potential," Brackett added.

Virgil, due to be born June 13,

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Does dump site make any sense?

BY DICK ANGLESTEIN

LANCASTER — Does it make sense to have a hazardous waste dump in the heart of a prime farmland area in which the Federal Government is planning to spend nearly $2 million in an experimental project to help clean up agricultural pollution?

This is a question that a growing number of residents of Eastern Lancaster County are asking themselves.

And it's a question that the Lancaster Conservation District will be considering at its upcoming July 1 meeting.

"No, it doesn't make much sense," Thomas Johnston, District Administrator, said this week.

"It would seem that one would defeat the purpose of the other. We have it on the agenda for our July 1 meeting."

The area in question comprises the Conestoga headwaters in eastern Lancaster County.

Just a week ago, the U.S. Department of Agriculture announced final approval of $1.93 million to help farmers in a 110,000-acre area improve practices to reduce pollution of surface water with animal wastes, nutrients, pesticides and sediment.

Also within the past two weeks, plans have surfaced for the proposed location of a hazardous waste dump at the site of the Narvon Mine, which is smack in the heart of the USDA pollution project area, which has been earmarked for the federal funds.

Amos H. Funk, farmland preservation leader and vice chairman of the Lancaster Conservation District, pointed out that due to the initimate proximity of the two a very close look will be taken, not only by local officials and groups, but by state and federal officials.

"To receive this experimental federal grant, a high priority had to be assigned to this area by various state groups, such as DER, ASCS and SCS," Funk said.

"Federal officials also came and looked at the area and decided it

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Holly plant, milk producers choking on surplus milk

BY JOYCE BUPP
Staff Correspondent

MT. HOLLY SPRINGS — Holly Milk manufacturing plant is alive and well, but threatened with strangulation from the unprecedented flood of milk being poured into its maze of stainless piping.

The butter-powder processing facility at Mt. Holly Springs is a joint venture of Inter-State Milk Producers Cooperative, Southampton, and Maryland Cooperative Milk Producers, Baltimore, Maryland.

A line-up of tank trucks waiting for turns at the docks is common during this spring flush of milk production, up a reported ten percent throughout the Federal Order 4 area.

Some area dairy producers involved in the Holly plant have grumbled that the facility isn't operating properly, while others see it as a timely assist to an almost unmanageable glut of milk.

"Another Holly plant, and then some, wouldn't absorb all the available milk," confirms Ralph Strock, manager of Maryland Cooperative. "And we don't anticipate that will change quickly."

Strock says Holly is working, but

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Livestock market and auction news

Lancaster Market

Monday, June 8
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	745	66	1180	95
Last Monday	1471	119	1080	219
Last Year	1340	116	918	167
Monday's Auction	685	67	1166	95
Last Mon. Auction	1492	105	1045	219

CATTLE: Compared to last Wednesday, Slaughter Steers 1.00 higher than the close, instances 1.50 higher; Slaughter Heifers fully steady; Cows 1.00 higher, instances 2.00 higher; Bullocks not tested; Bulls steady to 1.00 lower. Supply included 63 percent Slaughter Steers, 11 percent Slaughter Heifers, 15 percent Bulls and 11 percent Cows.

SLAUGHTER STEERS: High-Choice and Prime 3-4 1150-1350 lbs. 66.10-68.25, few head 68.25-68.85; Choice 2 1025-1300 lbs. 66.75-68.25, few head 68.80-70.25; Choice 2-4 1000-1350 lbs. 63.75-65.85, few 66.00-66.85; high-Good and low-Choice 2-3 61.00-64.00; Good 2-3 59.00-62.00; Good and Choice 1125-1550 lbs. 54.25-58.75; Standard 1-2 50.00-54.00.

SLAUGHTER HIEFERS: Choice 2-3 815-1050 lbs. 58.75-62.50, few head 62.50-63.75; Good 800-1025 lbs. 53.50-59.50.

COWS: Utility and Commercial 1-3 44.00-46.75, few 48.00-50.00; Commercial 3-4 41.00-43.00; Cutter 1-2 41.75-46.00, few 46.50-48.00; Canner and low-Cutter 39.00-42.25.

BULLS: Yield grade 1 1300-2000 lbs. 54.00-58.00, few 58.50-62.25, with five head 63.75-68.25; yield grade 2 1000-1350 lbs. 50.00-54.50.

VEALER CALVES: Vealers mostly steady. Demand good for calves to return to farm.

VEALERS: One lot Prime special fed 310 lbs. 127.00; Choice and Prime 180-300 lbs. 100.00-115.00, few 115.00-120.00; high-Good and low-Choice 130-270 lbs. 85.00-100.00, 90-120 lbs. 65.00-75.00, few 75.30-80.00, few 60-85 lbs. 60.00-65.00.

RETURNED TO FARM: Bulk 90-120 lbs. Holstein Bulls 100.00-112.00, few 90-120 lbs. Holstein Heifers 115.00-140.00.

HOGS: Barrows and Gilts mostly 3.00 higher.

SHEEP: Spring Lambs 2.00-4.00 higher; Slaughter Ewes steady.

SPRING LAMBS: Choice and Prime 85-105 lbs. 70.00-74.00; few Good 60-100 lbs. 60.00-69.00.

SLAUGHTER EWES: Utility and Good 16.00-30.00.

Vintage Livestock

Tuesday, June 9
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1593	617	31
Last Tuesday	1404	721	57
Last Year	1042	574	64

CATTLE: Compared to last Tuesday, Slaughter Steers 2.00 to mostly 3.00 higher; Slaughter Heifers firm to 1.00 higher; Cows 2.00-3.00 higher; Bullocks and Bulls not fully tested. Supply included 83 percent Slaughter Steers, 3 percent Slaughter Heifers and 12 percent Cows.

SLAUGHTER STEERS: High-Choice and Prime 3-4 1140-1375 lbs. 68.50-70.75, few 70.85-72.10; Good and Choice 1-2 1050-1350 lbs. 69.50-71.00, few 71.25-72.85; Choice 2-4 1050-1375 lbs. 66.00-69.50, few early sales 64.75-65.75; high-Good and low-Choice 3-3 61.50-65.50; Good 2-3 58.00-62.00; Good and Choice 1200-1475 lbs. Holsteins 55.00-59.10; few Standard 1-2 53.00-55.00.

SLAUGHTER HEIFERS: Choice 2-3 840-1025 lbs. 62.00-64.75, few yield grade 2 64.85-67.00; Good 2-3 55.00-60.75.

COWS: Utility and Commercial 1-3 46.75-50.00, few 50.00-52.50; Cutter 1-2 44.75-49.50, few 49.50-50.00; Canner and low-Cutter 41.50-44.50.

BULLOCKS: Couple Choice 1050-1250 lbs. 59.00-59.25.

BULLS: Couple yield grade 1 1350-1800 lbs. 54.00-56.50.

VEAL CALVES: Vealers weak to 5.00 lower. Supply included 455 in graded sale of which 84 percent sold to return to farm.

VEALERS: Few Choice 160-280 lbs. 85.00-90.00; high-Good and low-Choice 140-290 lbs. 70.00-85.00, 80-125 lbs. 61.00-70.00, few 65-80 lbs. 50.00-61.00.

RETURNED TO FARM: 90 head 80-115 lbs. Holstein Heifers 160.00-187.00, one 10 head lot 71 lb. 68.00; 190 head 93-125 lbs. Holstein Heifers 107.00-118.50, 85 head small frame 90-125 lbs. 69.00-78.00.

SHEEP: Small supply 45-80 lbs. spring lambs 4.00-5.00 higher; Slaughter Ewes steady.

SPRING LAMBS: Few Choice 45-80 lbs. 60.00-70.00.

SLAUGHTER EWES: Few Utility and Good 18.00-26.00.

Lancaster Auction

Wednesday, June 10
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	845	23	586	3
Last Wednesday	885	24	1016	2
Last Year	712	25	1339	12
Wednesday Auction	899	24	699	3
Last Wed. Auction	934	24	1092	3

CATTLE: Compared to Monday, Slaughter Steers .50-1.00 higher, with high-Choice and Prime mostly 1.00 higher; Slaughter Heifers 1.00-1.50 higher; Cows 1.00-2.00 higher; Bullocks and Bulls firm to 1.00 higher. Supply included 83 percent Slaughter Steers.

SLAUGHTER STEERS: High-Choice and Prime 3-4 1125-1375 lbs. 67.75-69.50, few head 69.60-70.10; Choice 2 1100-1325 lbs. 67.00-68.50; a Choice 2-4 1000-1375 lbs. 64.50-66.75, few 66.75-67.85; high-Good and low-Choice 2-3 1000-1300 lbs. 61.50-64.75; Good 2-3 58.50-62.00; few Good and Choice 1200-1500 lbs. Holsteins 55.50-58.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lbs. 60.75-63.50, few Good 2-3 850-1000 lbs. 58.00-61.00.

COWS: Utility and Commercial 1-3 45.50-48.00; Cutter 1-2 44.25-47.50, couple 49.25-51.00; Canner and low-Cutter 40.50-44.0.

BULLOCKS: Choice 1000-1350 lbs. 55.25-58.75, few 59.00-60.50; few Good 1000-1200 lbs. 52.50-55.25.

BULLS: Yield grade 1 1350-1800 lbs. 55.50-59.57, four head 61.00-63.85; yield grade 2 1000-1450 lbs. 51.00-55.10.

VEAL CALVES: Insufficient volume for a market test, few high-Good and low-Choice fully tested.

VEALERS: High-Good and low-Choice 90-120 lbs. 60.00-72.00.

RETURNED TO FARM: Few 90-115 lbs. Holstein Bulls 90.00-105.00.

SHEEP: Small supply Good spring lambs steady.

SPRING LAMBS: Few Good 60-80 lbs. 55.00-58.00.

New Holland Livestock

Thursday, June 11
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1749	400	18	58
Last Thurs.	1834	524	20	49
Last Year	1786	480	37	

CATTLE: Compared to last Thursday Slaughter Steers 2.00-3.00 higher with high Choice and Prime mostly 2.50-3.00 higher, few Choice 950-1050 lb. 1.00-2.00 higher; Slaughter Heifers 1.00-2.00 higher; cows 2.00-3.00 higher; Bullocks not fully tested; Bulls steady, instances 1.00 higher. Supply included 71 per cent Slaughter Steers, 16 per cent Cows and 10 per cent Bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1120-1450 lbs. 66.50-69.50, few 69.50-70.10; Good and Choice 1-2 1100-1425 lb. 67.00-69.00, few 69.00-70.50; Choice 2-4 1050-1350 lb. 65.00-67.00, few 67.00-67.50; Choice 950-1050 lb. 64.00-65.50; high Good and low Choice 2-3 61.00-65.50; Good 2-3 57.75-61.50; Good and Choice 1200-1450 lb. Holsteins 55.25-58.50; Standard 1-2 50.50-54.50.

SLAUGHTER HEIFERS: Choice 2-3 925-1075 lb. 61.00-63.75, few Choice 2 64.00-65.00; Good 2-3 850-1025 lb. 56.00-60.50.

COWS: Utility and Commercial 1-3 44.25-48.00, several 48.00-49.25; Commercial 3-4 42.00-44.50; Cutter 1-2 43.25-47.75, few 47 75-49 50: Canner and Low Cutter 41.00-44.50.

BULLOCKS: Few Choice 1050-1250 lb. 56.50-59.25.

BULLS: Yield Grade 1 1300-1800 lb. 53.75-56.50, few 56.50-57.75, individual 62.25; Yield Grade 2 1050-1400 lb. 50.00-54.00, few 580-1050 lb. 46.75-50.00.

VEAL CALVES: Vealers mostly steady. Demand fair for calves to return to farm.

VEALERS: Prime 185-390 lb. 116.00-124.00; Choice 150-275 lb. 97.00-112.00; high Good and low Choice 140-280 lb. 75.00-98.00, 85-120 lb. 56.00-69.00, few 60-80 lb. 50.00-57.00.

RETURNED TO FARM: Bulk 90-120 lb. Holstein Bulls 88.00-110.00, few 110.00-118.00; Bulk 90-125 .lb. Holstein Heifers 125 00-145.00, few 145.00-160.00, several 70-95 lb. 70.00-100.00.

SHEEP: Insufficient volume for a market test, few Utility and Good Slaughter Ewes 27.00-36.00.

GOATS: All Goats sold by the head. Mature Goats mainly 47.00-60.00, few 60.00-68.00, few kids 23.00-40.00.

Lancaster Weekly

Friday, June 12

	Cattle	Calves
This Week	5400	1110
Last Week	5934	1393
Last Year	5121	1154

CATTLE: Slaughter steers 2.00-3.00 higher, some sales early part of week 3.00-4.00 higher; slaughter heifers 1.00-2.00 higher; cows 2 00-3.00 higher; bullocks steady to firm; bulls steady, instances 1 00 higher. Supply included 69 per cent slaughter steers, 4 per cent slaughter heifers, 11 per cent cows, 7 per cent bulls with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1120-1450 lbs. 66.50-69.50, several early part of week 69.50-70.75; Good and Choice 1-2 1025-1425 lbs. 67.50-69.50, few early part of week 70,00-72.85; Choice 2-4 1000-1425 lbs. 65.00-67.75, 300 head 68.00-69.50, high Good and low Choice 2-3 61.00-65.50, Good 2-3 57.75-62.00; Good and Choice 1125-1350 lb. Holsteins 54.25-58.50, Standard 1-2 50.50-55.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lbs. 60.75-63.75, few Yield grade 2 64.00-67.00; Good 2-3 800-1050 lbs. 53.50-60.50.

CALVES: Utility and Commercial 1-3 44.25-48.00, several 48.50, few 50.00-52.50, Cutter 1-2 43.25-48.00; few 49.00-49.50, Canner and low Cutter 41.00-44.50.

BULLOCKS: Choice 1000-1350 lbs. 55.25-59.25, few 59.50-60.50; Good 1000-1250 lbs. 52.50-55.25.

BULLS: Yield grade 1 1300-1900 lbs. 53.75-59.75, few 60.00-63 85;

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LANCASTER STOCKYARDS
WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.
NEXT FEEDER PIG SALE - JUNE 16

MARKET HOG SHOW & SALE
LANCASTER STOCKYARDS
WEDNESDAY, JUNE 24, 1981
Judging - 10 A.M. Show Sale - 1 P.M.
CHAIRMEN:
Lloyd Hoover Ed Prosser

WEIGHT CLASSES:
200-215 lbs.; 216-230 lbs.; 231-245 lbs.
1 Lot of 10 Per Consignor
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— SALE —
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GREEN DRAGON MARKET & AUCTION
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MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M. - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12.00 Noon - Dairy Sale
1:30 P M. - Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3 30 P M - Calf Sale

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Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction-
Steers, Bulls, Heifers, Cows,
Feeder Cattle.
(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.
Sale Every Wednesday&
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Sale Every Thursday 12:30 P.M.
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along Route 22
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Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Saturday, June 6
Report supplied by USDA & Auction

960 head.

U.S. #1 210-235 lbs. 52.50-54.50; U.S. 1 & 2 200-240 lbs. 50.25-52.00; U.S. 2 & 3 200-258 lbs. 49.75-50.25; Sows 350 lbs. and up 37.50-41.50; Boars 200 lbs. and up 35.50-37.50.

Monday, June 8

BARROWS AND GILTS: US 1-2 200-245 lbs. 50.50-51.50; US 1 205-250 lbs. 52.00-53.00, few 53.25; US 1-3 210-260 lbs. 49.75-50.35.

Wednesday, June 10

HOGS: Barrows and gilts .75-1.00 higher.

BARROWS AND GILTS: US 1-2 200-245 lbs. 51.50-52.25, few 52.25-52.75; US 1 205-245 lbs. 52.75-53.50; US 1-3 220-265 lbs. 50.50-51.50.

New Holland Feeder Pigs

Wednesday, June 10
Report supplied by USDA

Today	935
Last Wednesday	983
Last Year	1016

TREND: Compared to last Wednesday feeder pigs 8.00-15.00 higher. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2 197 head 20-35 lbs. 99.00-111.00; 121 head 35-39 lbs. 90.00-98.00; 80 head 40-49 lbs. 83.00-94.00; 174 head 50-62 lbs. 70.00-86.00; 11 head 71-80 lbs. 58.00-64.00.

US 2: 80 head 45-49 lbs. 76.00-77.00.

US 2-3: 28 head 19-37 lbs. 101.00-103.00; 12 head 39 lbs. 85.00; 33 head 40-47 lbs. 76.00-81.00; 29 head 50-55 lbs. 71.00-78.00; 24 head 61-64 lbs. 66.00-68.00.

New Holland Hogs

Monday, June 8
Report supplied by USDA

Today	676
Last Monday	1022
Last Year	1489

TREND: Compared to last Monday, Barrows and Gilts mostly steady.

BARROWS AND GILTS: US 1-2 200-245 lbs. 49.35-50.60; US 1 200-260 lbs. 50.75-52.00; US 1-3 200-240 lbs. 49.00-49.50; 240-260 lbs. 48.25-49.00.

Lancaster Feeder Pigs

Tuesday, June 9
Report supplied by USDA

Today	866
Last Tuesday	1642
Last Year	1110

TREND: Compared to last Tuesday, Feeder pigs 8.00-12.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 37 head 20-28 lbs. 100.00-114.00; 148 head 30-39 lbs. 85.00-99.00; 306 head 40-49 lbs. 88.00-94.00; 98 head 50-59 lbs. 77.00-86.00; 61 head 63-80 lbs. 61.00-77.00.

US 2: 34 head 47-48 lbs. 77.00-80.00.

US 2-3: 65 head 25-39 lbs. 75.00-88.00; 27 head 40-51 lbs. 77.00-81.00.

Indianapolis Hogs

Thursday, June 11
Report supplied by USDA

HOGS: 1000, slow, .75-1.00 lwr. US 1-2 210-245 lbs. 49.50-49.75, 100 hd. 59.00.

Sows: moderately active, stdy to .50 lwr with wts. under 500 lbs. up to 1.00 off. US 1-3 400-475 lbs. 41.00-42.50, over 500 lbs. 43.50-44.50.

Boars: Scarce, over 400 lbs. 43.50-44.50.

St. Louis Hogs

Thursday, June 11
Report supplied by USDA

HOGS: 6000, moderate, 50-1.00 lwr, with most decline on wts. under 250 lbs. US 1-2 200-240 lbs. 49.25-49.75; 1-3 220-260 lbs. 48.50-49.25; 2-3 250-270 lbs. 47.00-48.50.

Sows: 50-1.50 lwr. US 1-3 300-500 lbs. 42.00; over 500 lbs. 42.00-43.00.

Peoria Hogs

Thursday, June 11
Report supplied by USDA

HOGS: 4000, moderate, opening mostly 1.00 lwr. US 1-2 200-240 lbs. 49.00-49.50; 1-3 200-240 lbs. 46.00-49.00.

Sows: 75-1.25 lwr US 1-3 350-500 lbs. 42.75-43.00; 500-650 lbs. 43.00-43.50; some 42.75.

Richmond Hog Market

The Richmond hog market closed 50 cents to $1.00 higher, compared with Wednesday's trading. Salable receipts totaled 225 head. The No. 1-3's, 200-230 lbs. 45.00-46.00. Sows, all weights, steady at $31.00-34.00.

*** Correction on June 3: Total number of hogs for Richmond were 234 head.

Southeast Va. Hog Market

The Southeast Virginia hog market closed 50-75 cents higher compared with Wednesday's trading. Smithfield 1-2's, 200-230 lbs. 45.75-46.50, 1-3's 45.25-46.00. Courtland-Franklin 1-3's 46.00. Total receipts in Southeast Virginia on Wednesday were 2,329 head.

Special Market Feeder Pig Tel-O-Auction

Marion, Va.
Wednesday, June 3

There were 606 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1&2: 40-50 lbs. 77.00; 51-60 lbs. 71.00; 61-70 lbs. 65.00; 71 lbs. and up 61.00.

US 3's: 40-50 lbs. 74.00; 51-60 lbs. 69.00; 61-70 lbs. 61.00; 71 lbs. and up 59.00.

UTILITY & US 4's: 40-50 lbs. 52.00; 51-60 lbs. 52.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, June 11
Report supplied by USDA Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	481,000	30,000	1,322,000	78,000
Last Week	495,000	30,000	1,233,000	83,000
Last Year	457,000	28,000	1,374,000	80,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday June 11)

	Corn	Wheat	Soybeans	Soybean Meal
July	3.45¼	4.07	7.24½	209.00
Sept.	3.50¾	4.24	7.34¼	212.90
Oct.	–	–	–	214.40
Nov.	–	–	7.49½	–
Dec.	3.56¼	4.48½		

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Feeder Pig Sale

Blackstone, Va.
Tuesday, June 9
Report supplied by VDA

There were 684 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by hundredweight.

US 1&2: 30-39 lbs. 83.00; 40-49 lbs. 80.00; 50-59 lbs. 76.00; 60-69 lbs. 67.00; 70-84 lbs. 56.00; 85-99 lbs. 45.00.

US 3's: 30-39 lbs. 78.00; 40-49 lbs. 73.00; 50-59 lbs. 68.50; 60-69 lbs. 56.00; 70-84 lbs. 51.50.

UTILITY & US 4's: 30-39 lbs. 49.00; 40-49 lbs. 45.00; 70-84 lbs. 45.75; 100-130 lbs. 41.00.

Futures Trading

(Closing Bids as of Thursday June 11

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	70.65	50.27	
July		55.62	
Aug.	68.67	56.45	
Oct.	65.60		
Nov.			7.40

Trend - Cattle are higher, Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Special Feeder Pig Sale

Farmville, Va.
Thursday, June 4
Report supplied by VDA

There were 1693 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1-2: 30-39 lbs. 83.50; 40-49 lbs. 83.80; 50-59 lbs. 77.50; 60-69 lbs. 64.75; 70-84 lbs. 57.50; 100-130 lbs. 51.00.

US 3's: 30-39 lbs. 80.52; 40-49 lbs. 70.00; 50-59 lbs. 65.50; 60-69 lbs. 59.50; 70-84 lbs. 58.00.

Utility and US 4: 30-39 lbs. 40.00; 40-49 lbs. 41.00; 70-84 lbs. 52.00.

Caroline Feeder Pig Sale

Denton, Md.
Monday, June 8
Report supplied by MPPA

1218 pigs.

Trend: Compared to last sale on May 25, $7.00 to $12.00 higher on all weights.

134 pigs U.S. 1 & 2, 40-49 lbs. 73.00-83.00.

481 pigs U.S. 1 & 2, 50-59 lbs. 68.00-82.00.

281 pigs U.S. 1 & 2, 60-69 lbs. 65.00-83.00

164 pigs U.S. 1 & 2, 70-79 lbs. 60.00-66.00.

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Poultry Markets

Weekly New York Egg Market

From Friday, June 5 to June 12

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	76	76	76	74	72
Ex Large	73	73	73	71	69
Large	70	70	70	67	65
Mediums	60	60	60	57	55
Pullets	49	49	49	47	45
BROWN					
Jumbo	96	96	96	96	96
Ex Large	85	85	85	85	85
Large	81	81	81	81	81
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	63	63	63	60	58
Checks	39	38	38	37	37

Tone: Large barely steady. Balance medium easy.
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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	June 9 Tuesday	June 11 Thursday
Class 1 - Large	48 lbs.	51	50
Class 2 - Large	45 lbs.	48	47
Class 3 - edium	42 lbs.	44	43
Class 4 - Small	39 lbs.	36	36
Breaking Stock	48 lbs.	46	46
Checks	48 lbs.	41	41

N. E. Weekly Shell Egg Report

Tuesday, June 9
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	87-90	83-86	71-73	49-55
Mostly	88-89	84-85	71	54-
N. HAMP.	82-89	78-85	66-73	44-51
Mostly	84-87	80-83	68-71	46-49
R.I.	91-92	87-88	75-76	53-54
VERMONT	89-98	85-93	73-82	–
Mostly	91-	87	76	–
MAINE	89-91	85-87	73-75	51-53

+ Includes Central and Western Sections only.

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, June 9
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.34-1.40.
MUSCOVY DUCKS, HENS: range 1.30-1.42.
RED FOWL: 4-5 lbs. range .17-.28.
RED FOWL: 5-6 lbs. range .26-.34.
CROSSBRED FOWL: 6-9 lbs. range .24-.36.
CROSSBRED ROOSTERS: 4-6 lbs. range .52-.72.
CROSSBRED ROOSTERS: 7-10 lbs. range .30-.46.
GUINEAS: range 1.70-1.90.
GEESE: 8-14 lbs. range .30-.48.
TURKEYS: 18-24 lbs. .40-.66.
PIGEONS: range .70-.85 ea.
WHITE PIGEONS: range 2.70-3.00 ea.
RABBITS: 4-6 lbs. range .50-.82.
RABBITS: 7-10 lbs. range .42-.64.
PEKING DUCKS: range .80-.88.
BANTY ROOSTERS: range 2.50-4.00 ea.
BANTY HENS: range 1.00-1.50 ea.
GUINEA PIGS: .50-2.15 ea.
GOATS: range 28.00-47.50.
KID GOATS: range 27.00-42.00.
TOTAL COOPS: 615.

Va. Egg Market

Prices unchanged on all sizes and supplies adequate for trade needs. Prices to retailers Virginia packed consumer grade shell eggs in cartons delivered store door.

Sales to Volume Buyers: Large 67-73 cents; Medium 57-60½ cents; Small 47-50½ cents.

Small Lot Sales: Large 76-78 cents; Medium 64-67½ cents; Small 55½-56 cents.

Eastern Pa. & N.J. Poultry

Wednesday, June 10
Report supplied by USDA

Prices unchanged to slightly higher at farm. Processor demand often light and disappointing for the future needs as finish becomes hard to move. Farm offerings fully adequate to ample. Offerings of heavy hens ample for a light unaggressive interest.

Prices paid at Farm.

Light Type Hens: 5½-7½, mostly 6½-7.

F.O.B. Plant: 9-9½, mostly 9.

Heavy Type Hens: TFEWR.

Baltimore Eggs

Wednesday, June 10
Report supplied by USDA

Market unsettled. Local production is not heavy but exceeds the unaggressive demand for cartoned and loose eggs. Pricing is increasingly competitive to stimulate some movement.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Grade A Large	73-75
Grade A Medium	63-65

Philadelphia Eggs

Wednesday, June 10
Report supplied by USDA

Prices unchanged. Cartoning demand fair. Offerings fully adequate to ample overall. Undertone about steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 70-73; A Large 69-71; A Medium 58-60.

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, June 5
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE: range 10.
HENS, HEAVY TYPE: range 30-38, mostly 38.
PULLETS: range 58.
ROASTERS: range 48-58.
FRYERS: range 43-47.
DUCKS: range 120.
DRAKES: range 120.
RABBITS: range 80-120, mostly 90.
GUINEAS: range 170-184 mostly 184.
PIGEONS (PER PAIR): range 175-601, mostly 175.
TOTAL COOPS SOLD: 250.

Delmarva Poultry

Wednesday, June 10
Report supplied by USDA

RTC movement continues good on whole birds, however slightly less aggressive on parts. Slaughter schedules continue fairly heavy at most plants. Trade advices indicate occasionally plants having labor problems due to long hours of work during past couple of weeks. Today's L.T.L. asking price ranged 53-55 on U.S. Grade A. Advance interest reported quiet for next week. Live supplies full adequate at weights in a wide range. Undertone firm.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 6/10 1813; Actual 6/9 1849; Actual 6/8 1784; Average Weights 6/8 4.18; Average Weight 6/1 4.33.

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North Brunswick Eggs

Wednesday, June 10

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 52-55; Plant Grade TFEWR; Premium (X) U.S. Grade A 56.

WTD. AVG.: U.S. Grade A 54.13; Plant Grade TFEWR; Premium (X) U.S. Grade A 56.

(X) - includes special services, selected competitive brands, etc.

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Livestock market and auction news

Hay Markets

Good's Hay

Leola, Pa.
Wednesday, June 10
Report supplied by auction

52 loads.

Alflalfa 91.00-127.50; Mixed 64.00-122.50; Timothy 83.00-129.00; Straw 44.00-79.00; Corn 119.00-134.00.

New Holland Hay

New Holland Sales Stables
Monday, June 8
Report supplied by auction

35 loads.

Alfalfa 51.00-109.00; Timothy 64.00-115.00; Mixed 65.00-100.00; Straw 56.00-69.00; Corn 127.00-132.00.

Kiester's Hay

Middleburg, Pa.
Wednesday, June 10
Report supplied by auction

15 loads hay.

Timothy 64.00-70.00; Mixed 52.00-74.00; Alfalfa 75.00-81.00.

Two loads Straw 45.00 & 54.00; 3 loads Corn 111.00-121.00.

Regional Hay

Friday, June 5
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Old crop hay slow and mostly steady; New crop hay slow because of rainy weather, few sales reported.

Alfalfa (old) 85.00-100; New crop 60.00-75; Mixed hay (old) 50.00-75; New crop 50.00-75; Timothy hay (old) 50.00-70.00; Straw 35.00-50.00; Mulch 20.00-40.00.

Green Dragon Hay

Ephrata, Pa.
Friday, June 5
Report supplied by PDA

28 Loads Hay and 9 Loads Straw.

Alfalfa 110.00-166.00; Mixed hay 55.00-130, one 152, mostly 65.00-114; Timothy hay, individual's 98.00 & 114.00; Straw 55.00-63.00; Ear Corn 19 loads 124.00-132, few down to 112; Oats, individual 2.90 per bushel.

New Wilmington Hay

New Wilmington, Pa.
Friday, June 5
Report supplied by PDA

21 Loads Hay and 4 Loads Straw.

Alfalfa, individual's 72½-80.00; Mixed hay 45.00-87.50, few 2nd cutting to 122.50; Timothy hay, few 47.50-50, individual 65.00; Clover, individual 44.00 & 46.00; Straw 55.00-65.00; Ear Corn, 3 loads 95.00-98.00; Oats, individual 129.00.

Pa. Grain

Monday, June 1
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn & Wheat steady to 10 cents lower. Barley & Ear Corn uneven, mostly steady to weak. Oats unevenly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.65-3.90, average 3.80; Wheat No. 2 range 3.95-4.10, average 4.04; Barley No. 3 range 2.50-3.10, average 2.79; Oats No. 2 range 2.70-2.85, average 2.75; Soybeans No. 1 range 6.80-6.95, average 6.88; Ear Corn range 102.00-120.00, average 111.34.

Central Pa.

Corn No. 2-y range 3.70-3.95, few reported 3.50, average 3.74; Wheat No. 2 range 3.85-4.00, average 3.97; Barley No. 3 range 2.50-2.60, average 2.57; Oats No. 2 range 2.30-2.60, few reported 2.75, average 2.53; Grain Sorghum 3.70, average 3.70; Ear Corn 103.00-110.00, average 108.00.

South Central Pa.

Corn No. 2-y range 3.58-3.75, average 3.65; Wheat No. 2 range 3.80-4.00, average 3.84; Barley No. 3 range 2.70-3.15, average 2.76; Oats No. 2 range 2.40-2.70, few reported 2.90, average 2.58; Ear Corn 100.00-115.00, average 104.25.

Western Pa.

Corn No. 2-y range 3.45-3.55, few reported 3.72, average 3.55; Wheat No. 2 range 3.75-4.00, average 3.90; Barley No. 3 few reported range 2.30-2.35, average 2.33; Oats No. 2 range 2.00-2.45, average 2.26; Ear Corn few reported range 85.00-88.60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-3.95, average 3.77; Wheat No. 2 range 3.85-4.10, average 3.97; Barley No. 3 range 2.50-3.10, average 2.75; Oats No. 2 range 2.40-2.75, average 2.62; Ear Corn range 100.00-118.00, average 108.56.

New Holland Dairy

New Holland, Pa.
Wednesday, June 10
Report supplied by auction

Reported receipts of 49 cows, 37 heifers, and 5 bulls. Market steady.

Load of Pa. springers 885.00-1485.000; Load of Susquehanna Co. fresh cows, 925.00-1435.00; Load of Pa. fresh cows, 1050.00-1460.00.

Herd of 13 head, all stages, 490.00-1110.00.

Locally consigned cows 450.00-1175.00; Springing heifers 650.00-1275.00; Open heifers 250.00-600.00; Bulls 250.00-770.00.

Fruit & Vegetable Markets

Thursday, June 4

THOMASVILLE — Central Georgia prices FOB shipping points basis:

PEACHES: Demand light. Market slightly lower. Various yellow flesh varieties mostly June gold hydrocooling included 3/4 bushel cartons. US extra #1 2 inch and up 9.00-10.00; 2 ¼ inch and up $11.00-12.00; 1 7/8 minimum too few to quote, some unsold or consigned.

South Carolina price FOB shipping point basis:

PEACHES: Demand light. Market slightly lower. Various yellow flesh varieties mostly June gold hydrocooling included 3/4 bushel cartons; US extra #1 2 inch and up $9.00-10.00; 2 ¼ inch and up $11.00-12.00; 1 7/8 inch minimum too few to quote, some unsold or consigned.

Florida-South Georgia prices FOB shipping point basis.

PEACHES: Supplies light. Demand light. Market lower, 3/4 bushel cartons various yellow flesh varieties hydrocooling included US extra #1; 2 inch and up $9.00-10.00; 1 7/8 inch minimum too few to quote.

South Georgia prices FOB shipping point basis:

BEANS: Demand moderate. Market pole type higher, round green steady bushel crates, and hampers. Round green $6.00-7.00, mostly $6.00; pole type $7.00-8.00, few $6.00.

CUCUMBERS: Demand good. Market higher. 1 1/9 bushel cartons waxed; medium $7.00-8.00, fair quality $4.00-5.00, few $5.50, small $5.00-6.00; large $3.00-4.00. Carton 24's medium-large $2.00-2.75.

SQUASH: Demand yellow crookneck moderate, zucchini light. Market steady. Yellow crookneck bushel crates and hampers; small $7.00-8.00, few $6.00, medium $3.50-4.00, few $3.00. Zucchini ½ and 5/9 bushel crates and cartons; small $3.00-4.00, medium $2.00-3.00.

New Wilmington

New Wilmington, Pa.
Monday, June 8
Report supplied by PDA

CATTLE 297. Compared with last Monday's market, slaughter cows 50 cents to 75 cents higher. Choice slaughter steers 62.50-65.75, few heavy weights 1350-1585 lbs. 60.00-62.75, Good 55.00-61.00, Standard 48.00-55.00. Few Choice slaughter heifers 59.50-61.75, Good 54.50-57.50, Standard 45.00-52.25. Utility & Commercial slaughter cows 44.00-47.75, one at 49.00, Commercial No. 4-5 40.00-44.00, Cutters 42.00-45.74, Canner & Low Cutter 35.00-42.25, Shells down to 26.50. One Good slaughter bullock at 58.00, Standard 46.50-53.50. Yield Grade #1 1020-1675 lbs. slaughter bulls 52.00-55.25; few yield grade #2 1150-1925 lbs. 49.75-50.75. Few Medium Frame #1 560-590 lbs. feeder steers 62.00-62.50; Medium & Large Frame #1 325-500 lbs. feeder heifers 52.00-59.50, 550-700 lbs. 47.50-52.50; Medium & Large Frame #1 540-870 lbs. feeder bulls 47.00-56.00.

CALVES 195. Vealers mostly $15 lower. Choice vealers 70.00-85.00, few 88.00, Good 60.00-72.50, Standard & Good 90-125 lbs. 55.00-65.00, 65-85 lbs. 40.00-55.00, one lot Utility 56 lbs. 30.00. Farm calves, holstein bulls 95-135 lbs. 80.00-112.00; holstein heifers 70-125 lbs. 75.00-100.00.

HOGS 741. Barrows & gilts $1.50 to $1.75 higher. US No. 1-2 210-245 lbs. barrows & gilts 49.50-50.50, No. 1-3 200-250 lbs. 48.00-49.80, No. 2-3 200-265 lbs. 46.00-48.00, few 265-285 lbs. 44.00-45.00, No. 1-3 150-190 lbs. 31.50-40.00. Sows steady. US No. 1-3 280-705 lbs. sows 33.00-40.00, few Utility 225-325 lbs. 27.50-31.00. Boars 28.50-40.30.

FEEDER PIGS 40. US No. 1-3 15-30 lbs. feeder pigs 12.00-27.00 per head, No. 1-3 30-45 lbs. 23.00-32.00 per head.

SHEEP 271. Choice 60-85 lbs. spring slaughter lambs 58.00-70.00, 85-100 lbs. 55.00-62.00, Good 55-85 lbs. 44.00-60.00. Slaughter ewes 7.00-25.00.

Joliet Cattle

Thursday, June 11
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2,600; 5 days last week 3,515; same period a year ago 3,277. Trading slow for the week. Slaughter steers ended the week 1.00 to 1.75 higher, most sales 1.50 to 1.75 higher compared with Wednesday of last week. Slaughter heifers over 950# ended the week mostly 50 higher. Heifers under 950 lbs. ended the week mostly 50 lower. Cows closed the week steady to 1.00 higher.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1150-1350# 65.50-67.25 Monday; 67.00-68.00 Wednesday; YG 3-5 1200-1400 lbs. 62.40-65.25 Monday; 65.00-66.50 Wednesday. Choice 2-3, few 4, 1100-1250# 67.00-67.25, 2 loads 67.50 Monday; 67.76-68.00, 1 load 68.25 Wednesday. Choice 2-4 1050-1300# 66.00-67.00 Monday; 67.00-67.75 Wednesday. Choice 2-4 1000-1050# 66.00-66.50 Wednesday. Mixed Good and Choice 2-3 1000-1250# 64.50-66.00 Monday; 65.50-66.50 Wednesday. Load Choice 2-3 1500# holsteins 60.00. Mixed Good and Choice 2-3 1300-1400# holsteins 57.50-58.00 Monday.

SLAUGHTER HEIFERS: Choice, few loads with a prime end, 2-4 950-1100# 64.75-66.25 Monday; 64.00-66.50 Wednesday. Choice 2-4 875-950# 64.00-64.50 Wednesday. Mixed Good and Choice 2-3 900-1050# 63.00-64.50

COWS: Cutter & Utility 1-3 39.00-42.00 Monday and Wednesday; 40.00-43.00 Thursday.

Peoria Cattle

Thursday, June 11
Report supplied by USDA

51 weekly Cattle Summary: Compared to last week Slaughter Steers 1.00 to mostly 1.50 higher. Heifers steady to .75 higher. Cows 1.00, instances 2.00 higher. Bulls 1.00 to 2.00 lower. Trade on Slaughter Steers during the week active with demand centered on weights over 1150 lbs. Heifers erratic and uneven with buyers very selective for weight and yield grade. Receipts this week 3500 as compared to 2783 a week ago and 3248 a year ago.

SLAUGHTER STEERS: Choice, few Prime 2-4 1050-1250 lbs. 66.50-68.50, bulk 67.00-68.00. YG 3-4 1100-1350 lbs. 65.00-66.50. Load mostly 4's 1485 lbs. 65.00. Mixed Good and Choice 2-3 1050-1250 lbs. 64.50-66.50 couple loads and packagers 1150-1400 lbs. Holsteins 56.00-58.50. Good 61.00-64.50.

SLAUGHTER HEIFERS Choice, few Prime 2-4 950-1050 lbs 64.00-65.50. Load and few packages 65.75-66.00. Few lots 800-900 lbs and with increase number YG 4's 60.00-62.50. Mixed Good and Choice 2-3 850-1000 lbs. 63.00-64.00. Good 60.00-63.00.

COWS: Utility and Commercial 2-3 41.00-45.00, few high yielding 45.50-46.00. Cutter 40.00-44.00 Canner and low Cutter 35.00-41.00

BULLS: YG 1-2 1100-1800 lbs 47.00-55.00. Couple packages butcher Bulls 57.00-59.00.

Computer Slaughter Lamb Sale

Dublin, Va.
Friday, June 5
Report supplied by VDA

There were 809 head sold. All lambs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

CHOICE AND PRIME 95-125 lbs. 64.25-68.00.

CHOICE 85-125 lbs. 61.25-65.00.

LEESPORT MARKET & AUCTION, INC.
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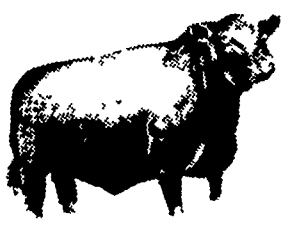

BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 12 NOON TO 9 P.M.

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11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, June 3
Report supplied by auction

SLAUGHTER: Fed Steers & heifers $1.00 higher. Choice 60.00-64.10; Good 55.00-59.00; Medium 54.00 Down. Heifers Choice 55.00-57.50; Good 49.00-54.00; Medium 48.00 down. Cows $1.50 lower. High Yield 45.00-47.25; Average 41.00-44.00; Big Middle 37.00-40.00; Fatty Herf. 36.00-39.00; Shelly 40.00 Down. Fat Bulls $1.50 lower. Good 52.00-54.50; Medium 46.00-51.00. Veal Calves Heavy Calves $4.00 lower. Light Calves steady. Choice 87.00-88.50; Good 85.00-88.00; Medium 75.00-84.00; Farm Hfrs. to 137.50; Farm Bulls to 121.00; Light & Weak 70.00 Down. Lambs Steady to $2.00 lower. Choice 61.00-63.50; Good 57.00-60.00; Medium 56.00 down.

STOCKER: Steers 300-550 lbs. $1.00-2.00 higher. Choice 69.00-72.00; Good 63.00-68.00; Medium 57.00-62.00; Culls 56.00 Down. Steers 600-850 lbs. Choice 63.00-65.00; Good 58.00-62.00; Medium 57.00 Down. Heifers (All Weights) Choice 55.00-61.00; Good 48.00-54.00; Medium 47.00 Down. Bulls Choice 60.00-67.50; Good 54.00-59.00; Medium 53.00 Down. Springing Heifers to 1100.00. Pigs, Hd. Large run, $1.50 higher. 20-30 lbs. 15.00-25.00; 40-60 lbs. 26.00-34.50. Shoats by Lb. to 43.00. Slaughter Hogs Mostly steady. 210-230 lbs. 45.85-46.75; 240-260 lbs. 45.00-46.50; 190-205 lbs. 42.00-45.00. Sows 300-825 lbs. 37.00-40.75; Thin Sows 32.00-36.00.

Dewart Auction

Dewart, Pa.
Monday, June 8
Report supplied by PDA

CATTLE 146. Compared with last Monday's market, slaughter steers grading Choice steady to strong. Slaughter cows about steady. Choice 2-4, 950-1350 lbs. slaughter steers 63.00-66.50, few 67.50, few Good 56.75-60, few Standard 52.00-55. Few Choice slaughter heifers 62.25-63.50. Utility & Commercial slaughter cows 43.75-47.75, couple 49.75, Cutters 41.00-45.00. Few Standard slaughter bullocks 47.50-51.75. Yield Grade #1 980-1650 lbs. slaughter bulls 47.75-56. Few Large Frame #2, 550-650 lbs. feeder steers 53.50-58.00.

CALVES 161. Few Choice vealers 100.00-118, Good 80.00-92, Standard & Good 70-90 lbs. 60.00-70, few Utility 60-85 lbs. 50.00-55. Farm Calves: Hol Bulls 90-125 lbs. 85.00-119; few Hol. Heifers 80-130 lbs. 110.00-162.50.

HOGS 292. Barrows and gilts $1.25-1.50 higher. US No. 1-2 20-30 lbs. barrows and gilts 50.50-51, No. 1-3 210-250 lbs. 48.00-50.25, few lots No. 2-3 270-280 lbs. 40.25-44, No. 1-3 190-195 lbs. 44.75-46.25. US No. 1-3 350-520 lbs. sows 39.75-41.00. Few Boars 32.00-36.00.

FEEDER PIGS 113. US No. 1-3 20-40 lbs. feeder pigs 18.00-25 per head, No. 1-3 40-60 lbs. 24.00-36.50 per head.

SHEEP 33. Choice 60-100 lbs. spring slaughter lambs 66.00-76, couple 85.00, Good 60-85 lbs. 57.00-65. Few Slaughter ewes 19.50-24.00.

Martinsburg Auction

Martinsburg, Pa.
Monday, June 8
Report supplied by auction

CATTLE 205. High Choice & Prime slaughter steers 65.00-67.20, Choice 63.10-65.00, Good 57.00-61.50, Standard 51.25-57.00. Choice slaughter heifers 63.10-65.20, Good 55.50-57.20, Standard 53.75-55.50, Utility 45.00-52.00. Utility & Commercial slaughter cows 45.50-51.00, Cutters 43.50-46.50, Canner & Low Cutter 39.00-42.00, Shells down to 35.00. Good slaughter bullocks 52.00-56.20, Standard 48.00-52.00, Utility 45.00-48.00. Yield Grade #1 slaughter bulls 53.00-56.50; yield grade #2 51.00-53.25. Choice feeder steers 56.50-60.50, Good 53.00-56.50, Medium 40.75-51.00; Good feeder heifers 55.00-61.50, Medium 53.00-55.00; Good feeder bulls 54.00-60.00, Medium 48.50-54.00.

CALVES 381. Prime vealers 85.00-91.50, Choice 81.50-85.00, Good 65.00-78.00, Standard & Good 110-130 lbs. 65.00-71.50, 90-110 lbs. 66.00-70.00, 70-90 lbs. 60.00-68.00. Farm calves, holstein bulls 100.00-121.00; holstein heifers 140.00-185.00.

HOGS 275. US No. 1-2 barrows & gilts 50.25-51.00, No. 1-3 49.00-50.25, No. 2-3 46.50-49.00, No. 2-3 45.50-47.50, No. 1-3 48.50-59.00. US No. 1-3 sows 39.00-41.50, No. 2-3 38.50-40.00. Boars 32.00-36.50.

FEEDER PIGS 31. US No. 1-3 25-40 lbs. feeder pigs 15.00-25.00 per head, No. 1-3 40-75 lbs. 27.00-43.00 per head.

SHEEP 0. No sales on offer.

GOATS 2. 27.00-29.00 per head.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 6
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 73.00-76.00; Medium 68.00-72.00; Plain 63.00 and down; Good Heavy Steers 68.00-73.00; Medium 63.00-67.00; Plain 58.00 and down; Holstein Steers 56.00 and down; Good Light Heifer Calves 52.00-56.00; Medium 47.50-51.75; Plain 45.00 and down; Good Heavy Heifers 50.00-53.75; Medium 45.00-49.75; Plain 44.00 and down; Slaughter Cows 40.00-44.50; Utilities 35.00-39.75; Canners & Cutters 34.75 and down; Milk & Stock Cows 905.00 and down; Stock Bulls 46.50-57.00; Slaughter Bulls 57.25 and down.

CALVES: Veal Calves 86.00 and down; Baby Calves 157.50 and down.

SHEEP & LAMBS: Spring lambs. Choice Blue O 68.25; Good Red O 63.25; Slaughter Ewes 18.00 and down. All Buck Lambs Discounted $1.00.

HOGS: Top 48.60; Heavy 38.50; Sows 38.00 and down; Boars 35.75.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, June 9
Report supplied by PDA

CATTLE 211. Compared with last Tuesday's market; Choice No. 2-4 900-1150 lbs. slaughter steers 63.50-66.50, one at 71.10, few holsteins 60.10, Good 57.00-61.50, Standard 48.85-56.75. Few Choice slaughter heifers 57.50-64.50, few Good 55.50-56.75. Utility & Commercial slaughter cows 44.25-48.85, one at 55.00, Cutters 42.00-46.75, Canner & Low Cutter 38.00-42.50. Few Good slaughter bullocks 53.60-54.75. Yield Grade #1 1050-1940 lbs. slaughter bulls 50.25-57.50. Few Large Frame #2 530-880 lbs. feeder steers 46.75-54.00; one lot Medium #1 450 lbs. feeder bulls 68.00.

CALVES 140. Few Choice vealers 91.00-100.00, few Good 79.00-89.00, Standard & Good 70-90 lbs. 63.00-71.00, few Utility 50-80 lbs. 43.00-67.00; farm calves, few beef cross bulls 110.00-112.00, holstein bulls 85-130 lbs. 85.00-113.00, few 123.00; holstein heifers 80-150 lbs. 89.00-180.00.

HOGS 185. US No. 1-2 200-225 lbs. barrows & gilts 51.10-52.10, No. 1-3 200-245 lbs. 50.35-51.50, few lots No. 2-3 270-275 lbs. 49.00-49.75, No. 1-3 155-185 lbs. 43.75-46.75. US No. 1-3 300-700 lbs. sows 39.25-42.50. Few Boars 33.50-36.00.

FEEDER PIGS 24. Few Lots US No. 1-3 38-84 lbs. feeder pigs 49.00-69.00 cwt.

SHEEP 11. One Choice 80 lbs. spring slaughter lamb at 71.00. Few Slaughter ewes 21.00-30.00.

G&M Livestock

Monday, June 8
Duncansville, Pa.
Report supplied by auction

Market report cows weak, steers steady, hogs higher.

DAIRY COWS: 510.00-1120.00.

STEERS: High Choice and Prime 63.00-65.60; Good to Choice 58.00-63.00; Standard to Good 53.00-58.00.

HEIFERS: Good to Choice 58.00-60.00; Standard 50.00-58.00.

BULLS: 1200-2056 lbs. 56.00-60.25; 900-1200 lbs. 48.00-56.00.

COWS: High Choice to Prime 48.00-50.00, couple to 51.75; Good 44.00-48.00; Utility 42.00-44.00; Cutters 40.00-42.00; Canners Down to 38.00.

CALVES: High Choice 90.00-98.00; Good to Choice 80.00-90.00; Standard to Good 60.00-80.00; Utility 40.00-60.00.

FARM CALVES: Hol. Bulls 90.00-122.00; Hol. Heifers 140.00-178.00.

FEEDER PIGS: 15-25 lbs. 15.00-23.00; 25-50 lbs. 23.00-33.00.

HOGS: 200-240 lbs. 48.00-50.10; 170-300 lbs. 46.00-48.00.

SOWS: 34.00-42.50.

BOARS: 32.00-34.25.

SHEEP: 15.00 to 40.00.

LAMBS: 55.00-70.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, June 9
Report supplied by auction

CATTLE 283. High Choice & Prime slaughter steers 68.00-69.35, Choice 66.00-69, Good 64.00-66, Standard 60.00-64, Utility 53.00-60. Good slaughter heifers 55.00-60, Standard 51.50-55, Utility 47.00-51. Utility & Commercial slaughter cows 46.00-48.85, Cutters 43.00-46, Canner and Low Cutters 40.00-43, Shells down to 35.00. Choice slaughter bullocks 60.00-64, Good 58.00-60. Yield Grade #1, slaughter bulls 58.00-62.35, #2, 53.00-58.00.

CALVES 139. Choice vealers 95.00-105, Good 85.00-95, Standard and Good 90-110 lbs. 70.00-80, 70-90 lbs. 50.00-70. Farm Calves: Hol. Bulls 90-125 lbs. 90.00-115; Hol. Heifers 80-160 lbs. 90.00-150.00.

HOGS 603. (6-8-81). US No. No. 1, 210-235 lbs. barrows and gilts 50.25-52, few 52.85, No. 1-3 2-250 lbs. 49.25-50.25, No. 1-3 190-270 lbs. 47.00-49.25. US No. 1-3 270-640 lbs. sows 41.75-47.25, No. 2-3 220-800 lbs. 36.75-41.50. Boars 260-585 lbs. 35.00-38.00.

FEEDER PIGS 234. US No. 1-3 10-20 lbs. feeder pigs 15.00-22 per head, No. 1-3 20-40 lbs. 22.00-38 per head, No. 1-3 40-60 lbs. 38.00-45 per head.

SHEEP 36. Choice spring slaughter lambs 65.00-70.50, Good 55.00-65.00.

New Holland Horse

Monday, June 8
New Holland Sales Stables
Report supplied by auction

Reported receipts of 253 head of horses, mules, and ponies. Killer market: lower; riding market: steady.

Better horses 550.00-1220.00; Driving horses 375.00-650.00; Riding horses 350.00-475.00; Lightweight killers 250.00-450.00; Heavyweight killers 475.00-640.00; Mares 40.00-75.00; Colts 15.00-35.00; Geldings 40.00-75.00; Larger ponies 150.00-300.00.

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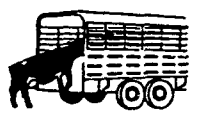

THE OLD FARMER'S ALMANAC

JUNE 15-21, 1981

Raindrops on roses, no need for hoses.

Summer begins at 6:45 AM EST June 21 (Sun) . . Father's Day June 21 (Sun.) . Full moon June 17 (Wed.) . Average length of days for the week, 15 hours, 18 minutes . . Oil began flowing through Alaska Pipeline June 20, 1977 Fireflies around now . *Lost time is never found again*

Ask the Old Farmer: Did you ever hear of using a piece of dried fish skin to settle coffee? J.C, Southington, CT.

Yes, but that was when coffee was merely ground With some of today's pulverized varieties, the whole darned codfish wouldn't settle it.

Home Hints: An iron hammer becomes a rubber mallet when a rubber tip such as those used on canes or crutches is placed over its head

OLD FARMER'S WEATHER FORECASTS

New England: Rain, heavy south; showers midweek on, clearing by end.

Greater New York-New Jersey: Week beings stormy, quite warm; turns cloudy and cool.

Middle Atlantic Coastal: Very hot temperatures becoming mild and partly cloudy, weekend rains.

Piedmont & Southeast Coastal: Starts warm; midweek turns cloudy and mild, then showers central and north.

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Livestock market and auction news

Omaha Cattle

Thursday, June 11
Report supplied by USDA

Through midweek Steers 1.25-1.75 higher. Heifers .25-.75 higher. Cows 3.00-4.00 higher. Bulls firm to 1.00 higher.

Four day receipts 15,125; Last Week 13,825; Year Ago 15,525.

Steers made up 55 pct of week's receipts, Heifers 25 pct. Cows 8 pct. and Feeders 7 pct.

Substantial advances in the carcass and boxed beef trade, beginning late last week, provided the momentum to raise Steer and Heifer prices through Tuesday to their highest levels in the past four weeks. However, the sessions upswing was blunted at midweek as salable numbers increased and the beef trade momentarily declined. Demand by most interests good throughout week, except for Heifers weighing 925 lbs. and down and Steers weighing 1050 lbs. and down; these kinds being present in increasing numbers.

STEERS: Earlier in week, two loads Choice 2-3 1225-1409 lbs. 70.00; at Midweek three loads Choice, some Prime mostly 3 1130-1225 lbs. 69.00. Choice 2-4 1075-1300 lbs. 67.50-68.75. Choice, few Prime 3-4 1175-1300 lbs. 66.00-67.00. Mixed Good and Choice 2-3 1050-1250 lbs. 66.50-67.50. Few Good 64.50-66.00. Mixed Good and Choice 2-3 1250-1450 lbs. Holsteins 59.00-60.50. Good Holsteins 58.00-58.50.

HEIFERS: Load Choice mostly 3 1040 lbs. 66.50. Choice 2-4 925-1050 lbs. 65.00-66.25, mostly 65.00-65.75. Mixed Good and Choice 2-3 900-1025 lbs. 63.50-65.00. Good 62.00-63.50.

Average of LS-214 detailed quotations for Choice 900-1100 lb. steers 67.75; 1100-1300 lbs. 68.35. Average cost Steers this week 66.82, average weight 1172 lbs. as compared 65.46 and 1179 lbs. a week ago. Average cost Heifers this week 65.02, average weight 1004 lbs. as compared 64.55 and 1003 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 42.50-44.00, few high dressing to 45.00. Canner and Cutter 41.00-42.50.

BULLS: 1-2 1200-1800 lbs. 48.00-52.00, few individual 1 to 55.00.

Valley Livestock

Valley Stockyards
Athens,Pa.
Monday, June 8
Report supplied by auction

Reported receipts of 279 calves, 102 cows, 28 bulls, 6 heifers, 4 steers, 75 hogs, 18 lambs, 23 sheep. Cattle market reported very active, calf market reported real good.

Holstein Heifer Calves to 167.50; Veal Calves, to 95.00; Bobs, 90 to 110 75.00-115.00; Bobs, 80 and down lbs. 55.00-68.00; Grassers & Feeders 46.00-65.00; Lambs 55.00-73.00; Sheep 15.00-23.50; Hogs, 200-250 lbs. 42.00-49.50; Sows 34.00-42.00; Boars 31.00-35.00; Pigs 22.00-39.00; Heifers 46.00-49.50; Steers 49.00-53.00; Steers, feeder 45.00-63.00; Bulls 48.50-56.75; Cows, fat 39.00-42.50; Cows, medium 42.00-44.50; Cows, poor or small 32.00-39.00; Horses small to 235.00; Ponies to 87.50; Goats to 47.00.

Western Maryland Livestock

Westminster, Md.
Tuesday, June 9
Report supplied by auction

BUTCHER COWS: Active bidding, $1 higher. High Yield 48.00-49.85; Standard & Utility 44.50-47.50; Canners 42.00-45.00; Shelly 42.00 Down. Bulls YG 1 56.85-58.75; YG 2&3 52.00-56.50. Steers Few Low Choice & Good 63.00-64.50; Holsteins Good 52.00-57.00. Heifers One Choice #2 at 62.00; Good & Choice 55.00-57.00.

BUTCHER HOGS: Good run, $2.50 to $3 higher. US #1&2 200-260 lbs. 50.10-50.85; US 1&3 200-260 lbs. 48.50-50.00, US 1&2 270-280 lbs. 47.10-48.00. Sows US 1&3 350-600 lbs. 38.50-42.00; 250-350 lbs. 36.00-38.75. Boars 400-700 lbs. 36.60-37.10.

VEAL CALVES: Big calves $5 to $7 lower, small calves $2 lower. Good & Choice 85.00-91.00; Standard & Good 75.00-88.00; Stocky & Thin 50.00-65.00. Killers 80-100 lbs. 70.00-78.00; Weak & Rough 70.00 down.

CALVES RETURNED TO FARM: Bulls $8 lower, Heifers higher. Holstein Heifers Good demand, several 90-125 lbs. 125.00-170.00; Holstein Bulls Bulk 95-115 lbs. 95.00-109.00; Some 80.00-95.00. Beef Type 75-100 lbs. 80.00-95.00.

SPRING LAMBS: Few 60-70 lbs. 55.00-63.00; One lot Good 113 lbs. at 62.50; Sheep to 17.00.

STOCK CATTLE: Smaller run. Steers Good & Choice 300-550 lbs. 67.00-74.00; Good & Choice 600-900 lbs. 55.00-65.00. Heifers Medium 300-700 lbs. 45.00-51.00. Bulls Good & Low Choice 300-500 lbs. few 55.00-65.00; Good & Choice 500-750 lbs. 50.00-63.00.

BULLS: Good & Low Choice 300-500 lbs. few 55.00-65.00; Good & Choice 500-750 lbs. 50.00-63.00.

PIGS AND SHOATS: Steady to $2 higher! By the Head 15-30 lbs. 12.00-32.00; 30-60 lbs. 18.00-31.00, few to 35.00; By the Lb. 40-90 lbs. 44.00-50.00; 110-170 lbs. 42.00-46.00; St. Boars 200-230 lbs. to 37.50.

Belknap Auction

Wednesday, June 10
Report supplied by PDA

CATTLE 115: Compared with last Wednesday's market, slaughter cows 2.00-3.50 higher. Few Choice 1240-1540 lbs. slaughter steers 60.50-62.75, Good to Low Choice 56.00-61.00, Standard 48.00-55.75, few Utility 44.00-47.75. Choice No. 3-4 slaughter heifers 55.00-59.75. Utility & Commercial slaughter cows 45.25-49.25, few 51.50-55.00, Commercial No. 4-5 40.00-45.00, cutters 43.00-47.50, Canner & Low Cutter 38.00-44.00. One Good slaughter bullock at 56.00. One Yield Grade #1 1690 lbs. slaughter bull at 55.00. Large Frame #1 535-725 lbs. feeder heifers 57.50-60.00.

CALVES 98: Few Prime vealers 89.00-105.00, few Choice 78.00-84.00, Good 70.00-80.00, Standard & Good 60-100 lbs. 50 00-65.00. Farm calves, hosltein bulls 95-125 lbs. 70.00-101.00, 75-95 lbs. 64.00-82.50; few holstein heifers 100-135 lbs. 125.00-126.00; beef cross bulls & heifers 70-175 lbs. 72.50-107.00.

HOGS 257: Barrows & gilts fully 3.00 higher. US No. 1-2 215-235 lbs. barrows & gilts 51.20-51.90, No. 1-3 200-250 lbs. 49.00-51.00, one lot 195 lbs. 47.40, No. 2-3 210-265 lbs. 47.50-49.40, one lot No. 1-3 112 lbs. 42.00. Sows about steady. US No. 1-3 280-560 lbs. sows 34.00-38.75, few 40.00-43.00. Boars 26.50-31.75.

FEEDER PIGS 137: US No. 1-3 25-35 lbs. feeder pigs 16.00-27.00 per head, No. 1-3 35-50 lbs. 26.00-30.00, one lot No. 1-3 75 lbs. 37.00 per head.

SHEEP 30: One lot good 57 lbs. spring slaughter lambs 43.50. Slaughter ewes 11.00-20.00

Oklahoma Auction

Thursday, June 11
Report supplied by USDA

Estimated Receipts	3000
Same Day Last Week	3582

Trade active; feeder steers over 500 lb. and heifers over 550 lb. Closing steady to 1.00 higher, full advance on 500-700 lb. steers; limited sales of feeder heifers under 550 lb. steady to 1.00 lower; not enough sales of feeder steers under 500 lb. to adequately test trade. Supply largely medium and few Large Frame No. 1 500-850 lb. feeder steers and 500-750 lb. heifers. Actual unloads running near 1000 head short of early estimate. Wheat harvest mainly responsible for limited receipts. Moderate buyer attendance.

FEEDER STEERS: Medium & few Large Frame No. 1 two part loads thin 340 lb. 77.00 & 420 lb. 72.00; few 415-430 lb. 68.25-68.75; 500-600 lb. 64.50-68.50; 600-700 lb. 63.25-66.00, lot 645 lb. 67.25; 700-800 lb. 62.00-64.00; 800-850 lb. 62.75-63.00. Medium & Large Frame No. 1-2 465-600 lb. 62.75-64.75; part load thin & gaunt 655 lb. 65.20; 690-800 lb. 61.00-62.75; package 885 lb. 58.30. Large Frame No. 2 485-575 lb. 59.00-62.00; lot 620 lb. 56.00. Few holsteins 475-575 lb. 54.50-54.60.

FEEDER HEIFERS: Medium & few Large Frame No. 1 lot 345 lb. 61.25; 425-550 lb. 55.25-57.50; 550-600 lb. 57.00-59.50, lot thin 585 lb. 60.50; 600-700 lb. 58.00-59.50; 700-800 lb. 57.00-59.00. Small Frame No. 1 few 500-750 lb. 51.25-53.00. Medium & Large Frame 1-2 400-550 lb. 52.25-55.50; 550-775 lb. 55.75-57.00. Medium & Large Frame 2 525-700 lb. 52.25-55.25, two lots thin & gaunt 545-615 lb. 55.90-56.00.

FOR THE WEEK: Feeder steers over 500 lb. & heifers over 550 lb. 1.50-3.00 higher; feeder steers under 500 lb. & heifers under 550 lb. steady to 2.00 lower with full decline on heifers under 500 lb. slaughter cows closed the week 1.00-3.00 higher; late sales included utility & commercial 2-4 42.25-45.25; cutter 1-2 40.00-43.00. Slaughter bulls steady; YG 1-2 1025-1325 lb. 48.75-52.25, package YG 1 1700 lb. 56.75. Salable receipts this week near 14,000 head compared with 16,608 head last week. Feeder cattle & calves totaled near 12,800 head (91%); cows & bulls 1200 (9%).

Belleville Auction

Wednesday, June 10
Report supplied by PDA

CATTLE 120. Compared with last Wednesday's market, slaughter cows grading Utility and Commercial $2 higher. Individual Good slaughter steer at 57.00, one Standard at 54.00. Few Good slaughter heifers 55.75-56.75. Utility and Commercial slaughter cows 43.85-47, couple 47.85, Few Cutters 44.00-47.75, few Canner and Low Cutters 37.35-41.60. Few Yield Grade #1 1090-1705 lbs. slaughter bulls 49.50-57.10.

CALVES 141. Few Choice vealers 69.00-85, few Good 65.00-70, Standard and Good 70-95 lbs. 58.00-64.50. Farm Calves: Few Beef Bulls 100.00-126.00; holstein bulls 80-130 lbs. 68.00-120, mostly 85.00-110; few Hol. heifers 80-135 lbs. 85.00-132.50.

HOGS 182. Barrows and gilts $3.50-$4.50 higher. US No. 1-2 2-240 lbs. barrows and gilts 51.00-51.50, lot 51.75, No. 1-3 2-250 lbs. 48.60-50.50, No. 2-3 240-270 lbs. 42.25-48.10, No. 1-3 160-190 lbs. 45.25-49.25. US No. 1-3 300-500 lbs. sows 38.00-42.50, few No. 2-3 400-590 lbs. 35.75-39.00. BOARS 28.00-31

FEEDER PIGS 551. US No. 1-3 20-35 lbs. feeder pigs 23.00-30.50 per head, No. 1-3 35-50 lbs. 28.00-40.50, No. 1-3 55-80 lbs. 40.00-47 per head, Utility 25-40 lbs. 20.00-26.00 per head.

SHEEP 51. Choice 60-100 lbs. spring slaughter lambs 66.00-79, Good 50-80 lbs. 60.00-68. Few Slaughter ewes 12.00-24.00. HOLSTEIN DAIRY COWS $900-$1490, Couple $1900.

Lancaster Feeder Cattle

Friday, June 5
Report supplied by USDA

Today	201
Last Friday	149
Last Year	269

TREND: Insufficient volume for a full market test, few sales firm to 2.00 higher.

FEEDER STEERS: Medium Frame 1: Couple lots 780-860 lbs. 63.00-63.50, one lot 905 lbs. 61.00 Large Frame 1: One lot 885 lbs. 64.10. Large Frame 2: (Holsteins): One lot 785 lbs. 56.00.

FEEDER HEIFERS: Medium Frame 1: Couple lots 350-410 lbs. 61.50-64.00.

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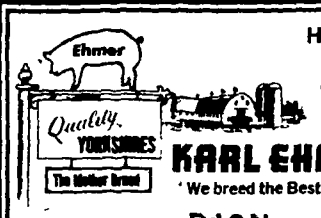

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Livestock market and auction news

St. Louis Cattle

Thursday, June 11
Report supplied by USDA

Receipts this week: 4,900;
Week Ago: 4,200;
Year Ago: 4,100;

Compared last weeks close, slaughter steers 2.50-3.00 higher. Slaughter heifers 1.00-1.50 higher. Cows 4.00-5.00 higher. Bulls 2.00 higher. Slaughter supply fully 50% steers, near 35% heifers and about 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 66.50-68.00; part load 1225 lbs. 68.25; lot 1330 lbs. 69.00 on Tuesday. Couple lots mostly 4's 1280-1420 lbs. 66.00. Choice 2-4 950-1250 lbs. 65.00-67.50, bulk 66.00-67.50 after Monday. Mixed Good and Choice 2-4 900-1200 lbs. 64.00-66.50. Good 2-3 900-1175 lbs. 62.00-65.00. Standard to Mostly Good 1075-1375 lbs. holsteins 55.00-59.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 64.00-65.00, couple part loads 65.50. Choice 2-4 825-1050 lbs. 62.50-64.50. Mixed Good and Choice 2-3 700-975 lbs. 61.50-63.00. Good 2-3 700-960 lbs. 59.50-61.50.

COWS: Late Sales: Utility and Commercial 2-4 41.00-43.00. Boning Utility 1-2 43.00-45.00. Cutter 1-2 40.00-43.00. Canner and Low Cutter 1-2 36.00-40.00.

BULLS: Yield Grade 1-2 950-1800 lbs. 50.00-54.00.

FEEDERS: (Including around 1,000 at the regular Thursday auction.) Feeder Steers and Heifers steady to 2.00 higher. Supply mainly medium frame 1 and mixed 1-2 600-900 lb. Steers and 400-700 lb. heifers.

FEEDER STEERS: Medium Frame 1: Scattered lot 325-500 lbs. 65.00-69.50; 600-800 lbs. 62.00-64.00; lot 610 lbs. 67.00; 875-900 lbs. 60.75-63.50. Medium Frame 1-2 and Some Small Frame 1: 350-475 lbs. 59.25-63.75; 675-775 lbs. 57.00-58.75. Large Frame 2 Holsteins: Several lots 700-1050 lbs. 50.00-53.25; lot 450 lbs. 56.00.

BULLS: Medium Frame 1-2: Scattered lots 675-850 lbs. 52.00-53.50.

FEEDER HEIFERS: Medium Frame 1: 400-475 lbs. 57.00-59.00; 500-800 lbs. 54.50-57.75. Medium Frame 1-2 and Small Frame 1: 325-400 lbs. 55.00-58.75; 575-700 lbs. 50.25-53.00.

Indiana Livestock

Thursday, June 11
Report supplied by PDA

CATTLE 136: Compared with last week's market: Sl. cows grading Utility & Commercial steady, Canner & Cutter strong to 1.00 higher, Choice 61.00-65.50, Good 55.00-61.00, standard 47.50-53.25. Sl. heifers: few Choice 59.75-62.00; few Good 54.25-56.00; few Standard 45.75-48.50. Sl. cows: Utility & Commercial 45.50-48.25, one at 50.00; Commercial 4-5 36.50-44.75; Cutters 43.00-47.00; Canner & L. Cutter 36.00-43.00; Shells down to 25.00. Sl. bullocks: few Good 55.00-58.50. Sl. bulls: few Yield grade No. 1, 1075-1500 lbs. 54.75-55.75; few Yield grade No. 2, 970-1140 lbs. 46.25-46.75.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 350-670 lbs. 56.50-64.00. Heifers one lot Large Frame No. 1, 515-700 lbs. 55.50; Bulls, Large Frame No. 1, 520-630 lbs. 46.00-53.00.

CALVES 88: Vealers weak to 5.00 lower. One Prime at 105.00; Choice 80.00-95.00; Good 72.00-83.00, few Standard 62.00-67.00; Standard & Good 80-100 lbs. 55.00-69.00.

FARM CALVES: Returned to farm, active & fully steady. Hol. Bulls 80-125 lbs. 70.00-110.00; few Hol. Heifers 90-105 lbs. 87.00-101.00. Beef Cross Bulls & Heifers 70-130 lbs. 67.00-120.00.

HOGS 189: Barrows and gilts 3.00-4.00 higher. US No. 1-2 200-240 lbs. 50.50-51.25 No. 1-3 200-250 lbs. 45.00-50.50; No. 2-3 210-265 lbs. 46.00-48.50; Few No. 2-3 275-325 lbs. 40.00-42.75; No. 1-3 175-200 lbs. 38.00-44.75; Sows steady. US No. 1-3 330-630 lbs. 35.00-40.0, few to 42.50; Few No. 2-3 550-720 lbs. 30.00-33.00. Boars 26.00-32.00.

FEEDER PIGS 10: Few US No. 1-3 40-50 lbs. 28.00-33.50 per head; few No. 1-3 70-85 lbs. 48.00-50.00.

SHEEP 10: Few Choice 75-90 lbs. 71.00-72.00. Sl. ewes 12.00-32.00.

Chambersburg Auction

Thursday, June 11
Report supplied by PDA

CATTLE: 345. Compared with last week's market: Slaughter steers grading Choice 1.50-2.00 higher, Standard & Good about steady; Sl. cows 1.25-4.50 higher. Sl. steers: Choice No. 2-4, 985-1300 lbs. 62.50-66.00, couple to 67.00, Good 56.75-62.00; Standard 52.75-57.00. Sl. heifers: few Choice 57.50-63.25, couple #1 67.75; few Good 53.50-56.50. Sl. cows: Utility & Commercial 44.75-49.75, couple to 50.75, one at 52.25; Cutters 42.25-47.25; Canner & L. Cutter 39.00-43.25; Shells down to 36.00. Sl. bullocks: few Good 54.00-54.60; Sl. bulls: Yield Grade No. 1, 1100-1700 lbs. 49.10-58.85.

FEEDER CATTLE: Steers, Medium Frame No. 1, 425-700 lbs. 57.00-64.00. Heifers, few Large Frame No. 1, 700-800 lbs. 53.00-57.00.

CALVES 534. Vealers 1.00-4.00 higher. One Prime at 97.00; Choice 80.00-93.50, couple to 96.00; Good 70.00-84.00; 70-95 lbs. 68.00-74.50. Utility 50-100 lbs. 50.00-67.00. FARM CALVES: Hol. Bulls 85-125 lbs. 75.00-109.00, mostly 85.00-100.00; Hol. Heifers 80-200 lbs. 107.00-168.00.

HOGS: 71. One lot No. 1-3 226 lbs. at 49.25; One lot No. 2-3 289 lbs. at 46.50; One lot No. 1-3 188 lbs. at 44.50; US No. 1-3 300-525 lbs. 39.25-41.25. Few Boars 38.25-39.75.

FEEDER PIGS 48. US No. 1-3 20-40 lbs. 21.00-32.50 per head.

SHEEP: 38. One lot Choice 102 lbs. at 65.50; few Good 65-100 lbs. 50.00-56.00. Sl. ewes: 12.50-16.50.

Carlisle Auction

Carlisle, Pa.
Tuesday, June 9
Report supplied by auction

CATTLE: STEERS: Good 65.75-66.75; Standard 53.25-54.00; Utility 49.50. HEIFERS: Good 51.25. COWS: Utility & Commercial 44.00-47.85; Cutter 40.10-44.50; Canner & Low Cutter 38.50-42.00; SHELLS down to 35.50.

BULLOCKS: Good 54.00-57.25.

FEEDER STEERS: 60.00-77.00.

CATTLE HEIFERS: 60.50-80.00.

BULLS: 67.00.

CALVES: VEALERS: Good 85.00-100.00; Standard & Good 70.00-85.00; Standard & Good 65.00-75.00; Standard 60.00-70.00.

FARM CALVES: Hol. Bulls 100.00-119.00; Hol. Heifers 135.00-167.50.

HOGS: Barrows & Gilts US No. 1-2 51.60-52.00; US No. 1-3 49.00-51.50; US No. 2-3 40.50-44.50.

SOWS: US No. 1-3 41.50-43.50; No. 2-3 36.50-42.00. Boars 36.25-37.25.

FEEDER PIGS: US No. 1-3 18.00-25.00; No. 1-3 28.00-40.50.

SHEEP: LAMBS: Good 59.00-64.00.

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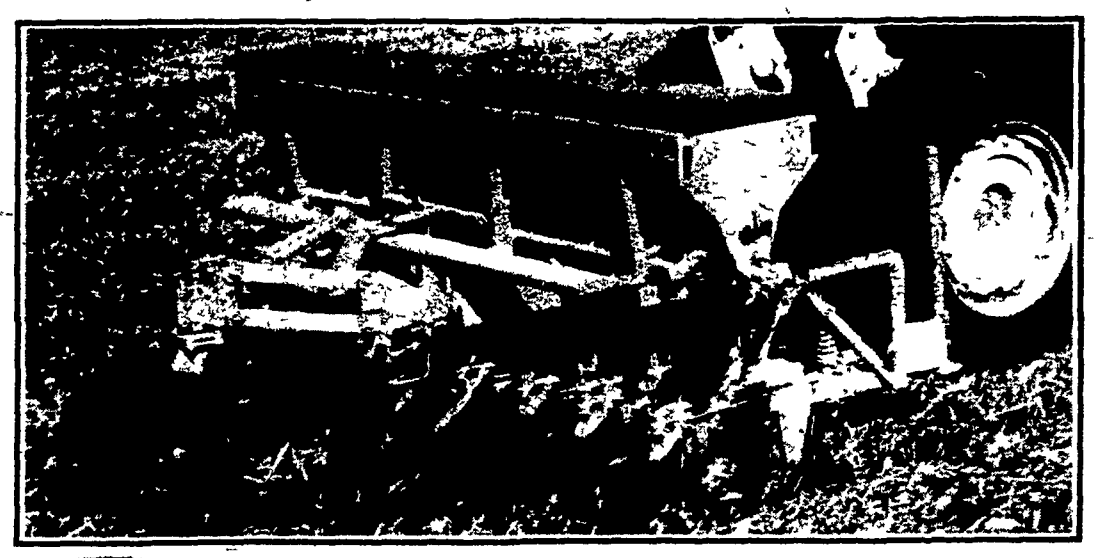

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PS: You can sometimes buy corn at a low price too.

TRADE TECH MANAGEMENT, INC.

Off the Sounding Board

By Sheila Miller, Editor

Calling the question

Why should almost $2 million in taxpayers' hard earned money be spent to clean up "nonpoint source" pollution in the headwaters of the Conestoga River when a private firm is plotting to dump hazardous waste in an old clay mine in the watershed?

That's a question we posed to a local federal conservation official whose reply was "That's a good question."

But that's exactly the situation that lurks at the source of the City of Lancaster's and several other smaller communities' supply of water, on which 175,000 people rely.

Let's face the facts. The federal government has earmarked a considerable sum under the Rural Clean Water Program to help farmers in Lancaster County to clean up their act. Specifically, the program is designed to stop manure runoff and water coming off cropland fields that may be carrying fertilizer, insecticides, and pesticides from polluting this stream and its tributaries.

And yet, a private business is in the process of creating an environment that could potentially destroy the efforts of hundreds of farmers in trying to preserve the Conestoga's water quality. Although it's known that the firm plans to be getting rid of some industrial type of "hazardous waste" in this old mine site, it is still a mystery just what will be dumped.

Fortunately, the progress of the land sale transaction has been stymied, at least for a while, by local opposition from the citizens of three townships in which the 450 acre tract is located.

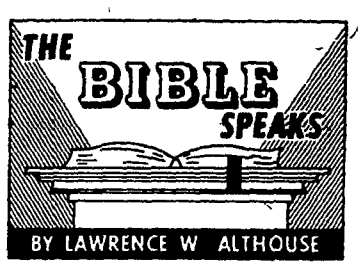
This is not the first time such a plan has clashed with concerned citizens. A similar plan in nearby York County also learned how strongly the residents opposed their neighborhood from becoming the home for hazardous waste. Just having TMI in our backyards keeps everyone edgy and alert to any other potential pollutant slipping in unannounced.

Admittedly, there is room for improvement on quite a few farms, not only in Lancaster County but in others as well, when it comes to runoff and erosion control. We're not shirking responsibility for trying to curb the rate in which precious topsoil inches its way into the streams and rivers that flow through our productive agricultural areas. And, with the exorbitant bills we pay for chemical fertilizer, herbicides, and insecticides, who can afford to watch it run off with every little rain.

There's no question that we can use the close to $2 million to install manure holding ponds, diversions, and cropland terraces which are designed to help keep our streams clear. The boost these funds will provide over the next ten years will make an otherwise practically insurmountable problem of tackling nonpoint pollution problems a much easier chore. Not only the farming community will benefit from this taxpayer investment, but so will our city neighbors who depend on the Conestoga for their water needs.

We've all experienced the devastating effects drought can create — last year's long hot dry summer has sketched its mark indelibly on our minds. We realize more than ever how critical our water supply is to everyone, and how keeping it clean and clear of pollutants and hazardous waste is important.

Stopping nonpoint source pollution from the flowing into the Conestoga River is something the farming community can deal with — but an unknown hazardous waste is another question.



UNCLAIMED PROMISES
June 14, 1981

Background Scripture:
Deuteronomy 1
Devotional Reading:
2 Corinthians 13:5-13.

Every year millions of dollars lie unclaimed in bank accounts, apparently forgotten by those who have legitimate claims upon them. Banks are required by law to advertise in an attempt to find the owners or heirs, but large sums, I am told, still go unclaimed.

It is hard for us to imagine—particularly in these times of economic uncertainty—money deposits going unclaimed by legitimate owners. Yet, it seems to be a principle operative in life that we are often unaware of the resources around us that could meet the needs of mind, body and spirit. Frequently we are simply blind to what is so close...at hand and, even if we are aware, we still may fail to claim the very thing we need.

Take Possession!

We see this same tendency reflected in the story of the first chapter of Deuteronomy. After wandering years in the wilderness, the Hebrew people under Moses, finally came to the hill country of Amorites which God had promised them. "Behold," says Moses to the people, "the Lord your God has set the land before you; go up, take possession, as the Lord...has told you" (1 21).

It was suggested that they first send out some scouts or spies, for the Hebrews were hesitant to do what they were commanded. Back came the spies' report: "It is a good land which the Lord our God gives us." God has commanded them and the report of their spies was favorable, but the fear of the people was greater than their faith and they refused to obey.

It is easy for us to condemn the fearfulness of the Hebrews, but it is no longer important that the Hebrews refused to claim God's promises, but that we do not. It seems that there is always a danger of expecting too much from God, of treateing him as a divine Santa Claus. But at the same time I think we are also in danger of expecting too little. In fact, if we err on either side today, I would suggest that our problem today is one of failing to take seriously God's promise and claiming what he wants to give us.

Do Not Be Afraid!

No matter how often Moses reminded them of God's promises, no matter how favorable was the reconnaisance report, the people were too fearful to claim the promises. Rumors had reached them, saying: "The people (Amorites) are greater and taller than we; the cities are great and fortified up to heaven.." (1:28). Nothing so keeps us from realizing and receiving the gifts of God than our fears.

What is the source of that incapacitating fear? I believe it is a fear that God will not keep his promise and we would rather not try risk being disappointed and disillusioned. But life cannot be lived in fear; far better to take the chance of failure for the sake of claiming the promises and giving God the opportunity to give us his good gifts.

OUR READERS WRITE

For shame, dairymen

We as dairy farmers have plenty to gripe about and I laud the Dairy Princesses and "Milky" who are doing such a splendid job.

Those of us having large financial obligations can hardly consider reducing our herd size. And we complain that consumption is down.

I agree with the Pennsylvania Dairy Princess, Cindy Neely, "it's not overproduction, it's under consumption," caused in part by under-promotion. How can we urge non-dairy farm folk to use delicious dairy products when many dairy farmers use imitation dairy products themselves? Maybe we need the "Real Seal" as much as the rest of the buying public.

A case on page C6 in the Home on the Range section saluting June Dairy Month, I am mystified that you would print recipes in such a section using none dairy products,

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

TO REMOVE BROKEN LIMBS IN PASTURES

The high winds that accompany summer storms can create problems in pasture fields. Broken limbs lying around may be hazardous to your livestock. If you have any wild cherry or choke cherry branches lying in your pasture fields, be sure to remove them before allowing any livestock in the fields.

When leaves are damaged by broken limbs, they wilt down and a poisonous substance is formed within the leaves. Just a handful of these wilted leaves can kill a cow or several sheep if they are eaten Death occurs very quickly because the poison interferes with the oxygen carrying ability of the blood. Treatment is possible, but the animals are usually found dead in the field.

The only way to eliminate the danger of wild cherry poisoning is to eliminate the trees. Fields with wild cherry should be checked for fallen limbs after a storm; it's a simple precaution and could save a cow or a whole herd.

TO KEEP PESTICIDE RECORDS

Today's battle with insects, fungus, rodents and weeds require the use of many different chemicals. It is important to keep an accurate record of any chemical used. This would include the date, name of material, application rate, field number and even the direction the wind is blowing. This might save a lot of trouble and loss of income in case there is some question.

Many food items are being checked by Food and Drug representatives for pesticide residue. It is possible to find residue even where the producer followed regulations and every recommended practice. Your record would be very important in these cases.

TO OBTAIN A NEW DAIRY REFERENCE MANUAL

Dairymen who survive the 1980's will be those who can manage cows and a large amount of money They will be well informed, and they will be effective in using the services and supplies available to them through ag industries To make wise management decisions, dairymen will need many facts, such as those found in Penn State's new "Dairy Reference Manual".

This new publication is a major revision of the previous, successful manual. It is a catalog of facts for dairymen and for ag industry personnel. A variety of topics are included, such as: feeding, diseases, parasites, breeding, selection, farm management data, milking equipment, milk quality, product technology, etc. The manual can be obtained by writing to Dairy Manual, Box 6000, University Park, PA 16802. Send a check in the amount of $7.50 payable to The Pennsylvania State University.

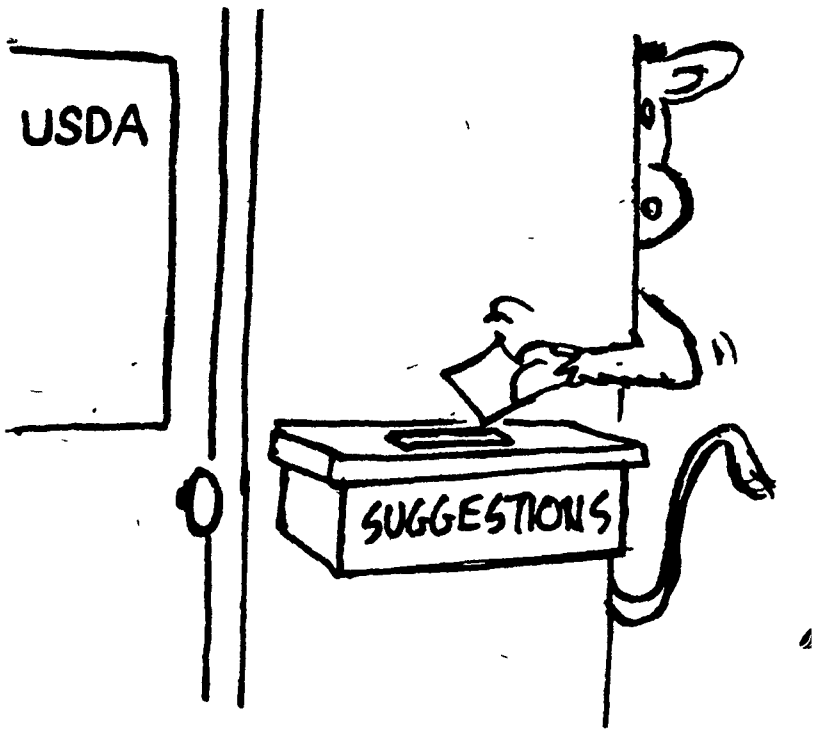
TO CONTROL PARASITES IN LIVESTOCK

The blood-sucking parasites of sheep, horses, and cattle thrive and multiply in large numbers during hot weather. Each female worm produces up to 10,000 eggs daily during warm weather.

These eggs hatch, very quickly

(Turn to Page A12)

HAY HAWS



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ALLIS-CHALMERS

1134

OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A10)

much less dairy farm wives sending them to you. The Amish Vanilla Pie uses margarine as does the Turkey Tetrazzini, and the Mississippi Mud Pie uses a large container of whipped topping.

If dairy farm families used more dairy products, perhaps the surplus would be less.

Shame on use as dairymen! The margarine manufacturers must be laughing up their sleeves — or all the way to the bank.

Mrs. Ellen K. Arwacost
Hickory Hill Farm, Inc.
Upperco, Md.

Goat story corrections

In our story about the Dutch Country Dairy Goat Association Meeting, in the June 6 issue D4, George Haenlein, dairy specialist for the University of Delaware, points out two typographical changes. Pennsylvania is the only state in the Union with research in goats **milk**, not just goats, currently taking place. Haenlein also stated that the **funding**, not 'finding' for the goat research projects was 'pitiful'. We hope these corrections will clear up any misinformation given in the article.

Come what may, we'll produce

Spring is here again, and, as usual, dairymen tend to forget outside worries as they concentrate on fixing fence and planting crops. Come-what-may; taxes, price support levels, high cost of doing business in general, all become secondary at this busy time of year.

Probably that's a good thing too, since our heads are reeling after year-long accusations of overproduction and high CCC purchase costs. A farmer feels the need to get out in the clear air to refresh his brain cells and renew his faith in himself after reading the deluge of headlines depicting him as a welfare recipient drinking from the public trough at the expense of taxpayers.

Our problem seems to be productivity, the same challenge that troubles the rest of the nation. According to Treasury Secretary Regan, "American business has to get out there and be productive."

With us, however, it's not lack of productivity that bedevils us but rather, too much. If we were to follow the example set by the rest of the work force, we would adopt a forty-hour week and in a short time, the problem would be solved; lower production and higher prices to consumers.

That probably is not the goal of the Department of Agriculture however, since they continue to aim at a cheap food policy which requires abundant food supplies. The Secretary's latest recommendation is that the new four-year farm bill contain a provision giving the Secretary the option of setting the support level between 0 and 90 percent of parity, the most discretion ever requested by any Secretary up to this point.

We will oppose such a policy since it would have the affect of practically eliminating the benefits of the present price support program and would offer no guarantees to dairymen.

According to a recent Congressional Budget Office study, "Continuing the present support level would probably result in no major change in dairy farmers' real income or in dairy prices. It concluded further that a return to the 75 percent level would place downward pressure on both income to increase imports."

Sounds like something we've been saying and will very likely turn out to be accurate.

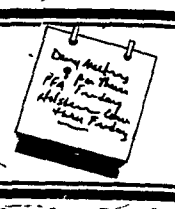
Organizations representing handlers take an unreasonable approach when they attempt to lower dairy farm income to reduce dairy product prices to consumers. It would be as unreasonable to expect handlers to cut their profits in order to lower prices to consumers as it is to expect dairymen to take reduced income for the same reason.

Consumers cannot expect lower food prices when all other costs are increasing. Dairy products are still a good buy and we need not apologize for their cost.

Let's get our morale up and hold our heads high as we plant our crops. Food will still be in demand next year and no one but farmers can produce it. Feeding the nation is a proud accomplishment.

Edward McNamara
NEDCO President

Farm Calendar



Today, June 13

Seventh Annual Horse Show and Country Fair, sponsored by Humane League, Lancaster Riding and Tennis Club

28th annual dinner meeting of Berwick Vegetable Co-op, Maria Assunta Hall, Monroe St., Berwick, registration, 6 p.m., dinner 7 p.m.

Lebanon County Dairy Princess Contest, Lebanon area fairgrounds, crowning 8:30 - 9 p.m.

Blue Mountain Dairy Goat Show, Allentown Fairgrounds

Adams County Dairy Princess Pageant, Biglerville High School, Biglerville

Huntingdon Holstein Club picnic, Shavers Creek, Community Bldg., Petersburg

Sunday, June 14

PA Berkshire Assn. and PA Chester White Assn. summer picnic, 1 p.m., Lebanon Fairground

Tuesday, June 16

FFA week at Penn State, continues through Thursday

Wednesday, June 17

Southeast Regional Livestock Judging Clinic, Downingtown, Devereux Soleil Farms, 9 a.m.

Adams County fruit growers meeting and tour, 6:30 p.m., Rice and Rice Orchard, between Brysonia and Wenksville

Cumberland Co-op Sheep and Wool Growers Wool Pool, Carlisle Fairgrounds, 7-3

Thursday, June 18

PA poultry federaton annual conference, Host Corral, Lancaster

Eastern Regional Fitting and Showing Workshop, PA Holstein and Guernsey Assn., Guernsey Sales Pavilion, 9:30 a.m.

Ceiba Geigy tour, Leroy Esbenshade and Charles Hummer farms, RD Manheim, 10 to 6

Franklin County Extension Oil and Gas Leasing meeting, 8 p.m., Kauffman Community Building

Saturday, June 20

Sevens Valleys Farm, 10-4, Seven Valleys

Chester County Country Fair, Nottingham Park, 11-8

Now Is The Time

(Continued from Page A10)

and just about all of the larvae survive when the weather is wet and when there is enough grass to protect them from the sun. Within three weeks after eggs hatch, the larvae have reached the infected stage. When the animal eats grass contaminated by larvae, the life cycle is completed.

The latter part of June and July is a good time to give worm treatment to animals on good pasture. The newer worm medicines are safe, highly effective and easy to administer. However, the choice of medication depends on the type of worms in the animal. This can be determined by microscopic examination by a veterinarian. Sheep and young cattle can be wormed by feeding them medicated wormer pellets. Horses can be wormed through the feed.

After giving worm medicines, the animal should be moved to new pasture.

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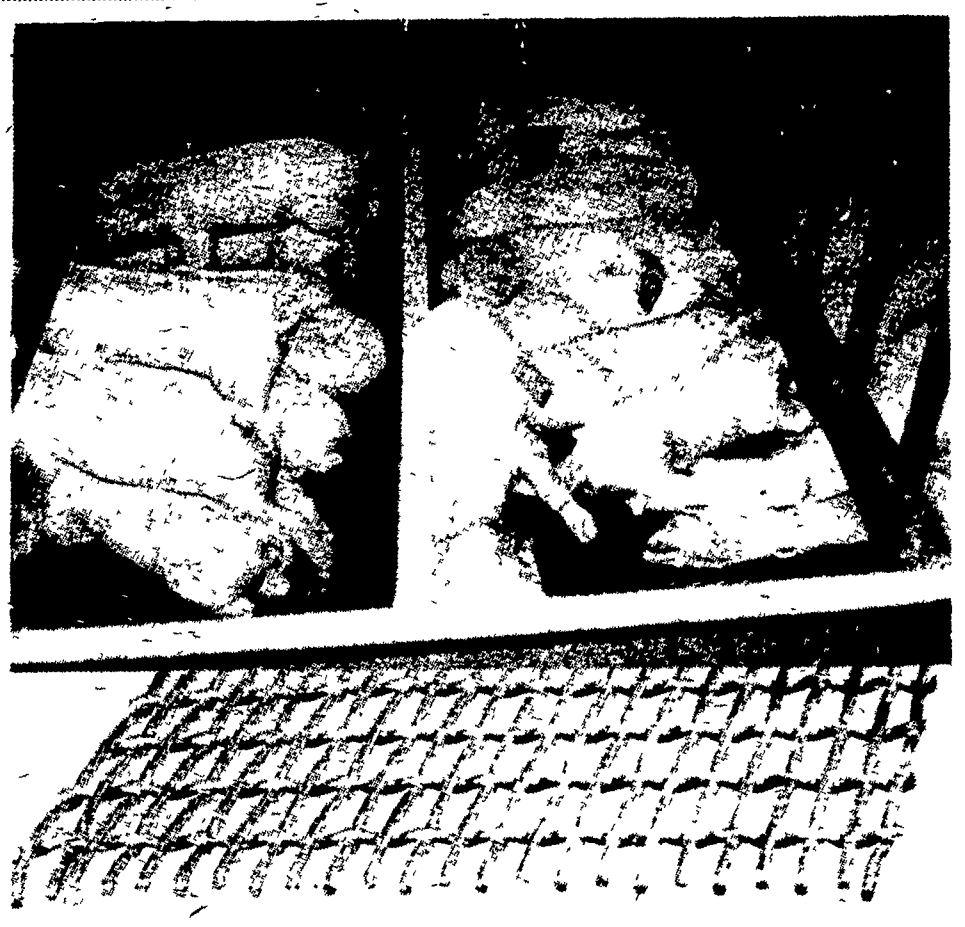

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Livestock market and auction news

Lancaster Weekly

(Continued from Page A12)

Yield grade 2 1000-1350 lbs. 50.00-55.00.

VEALERS: Mostly steady, instances 3.00 lower. Demand good for calves returned to farm.

VEAL CALVES: Prime 185-390 lbs. 116.00-127.00; Choice 150-275 lbs. 97.00-112.00, few 112.00-120.00; high Good and low Choice 130-280 lbs. 75.00-100.00, 85-120 lbs. 56.00-70.00, few 70.00-75.00, 60-80 lbs. 50.00-62.00.

RETURNED TO FARM: Bulk 80-125 lb. holstein heifers 125.00-160.00, around 100 head 160.00-187.00, several 70-100 lb. small frame 68.00-100.00; bulk 90-120 lb. holstein bulls 88.00-118.00, few small frame 90-125 lbs. 69.00-80.00

Leesport Auction

Wednesday, June 10

Report supplied by auction

CATTLE 357. Compared with last Wednesday's market, slaughter steers $1 to $3 higher. Slaughter heifers $2 to $3 higher. Slaughter cows $1 to $2 higher. Slaughter bulls $2 higher. High Choice & Prime 1000-1300 lbs. slaughter steers 65.00-68.00, Choice 63.00-65.00, Good & Choice 60.00-63.00, Good 57.00-60.00, Standard 50.00-56.00, Utility 47.00-51.00. Choice 850-1100 lbs. slaughter heifers 59.00-63.50, Good 56.00-59.00, Standard 50.00-55.00, Utility 45.00-50.00. Utility & Commercial slaughter cows 46.00-49.00, Commerical 44.00-46.50, Cutters 41.00-44.50, Canner & Low Cutter 38.00-41.50, Shells down to 34.50. Good slaughter bullocks 59.00-63.00, Standard 54.00-58.00, Utility 51.00-55.00. Good 500-800 lbs. feeder steers 60.00-71.50, Medium 400-700 lbs. 45.00-56.00; Medium 400-600 lbs. feeder heifers 50.00-58.50; Medium 400-600 lbs. feeder bulls 45.00-55.00.

CALVES 139. Supply included 25% farm calves. Vealers $3 to $8 lower. Choice vealers 90.00-103.00, Good 80.00-92.00, Standard & Good 110-130 lbs. 75.00-90.00, 90-110 lbs. 75.00-85.00, 70-90 lbs. 65.00-80.00, Utility 45.00-65.00. Farm calves, holstein bulls 95-120 lbs. 85.00-115.00; holstein heifers 100 lbs. 125.00-140.00.

HOGS 306. US No. 1-2 200-240 lbs. barrows & gilts 51.50-53.00, No. 1-3 190-260 lbs. 51.00-52.00, No. 2-3 240-280 lbs. 49.00-51.00. Boars 32.00-35.00, light weights 32.00-33.50.

FEEDER PIGS 274. US No. 1-3 15-25 lbs. 70.00-100.00 cwt., No. 1-3 30 lbs. 70.00-90.00, No. 1-3 40 lbs. 70.00-85.00 cwt.

SHEEP 68. Choice 50-65 lbs. spring slaughter lambs 72.00-85.00, 70-95 lbs. 65.00-72.00, Good 58.00-62.00, Utility 30.00-45.00. Slaughter ewes 22.00-38.00.

GOATS 18. 15.00-40.00 per head.

PA Auction Summary

Friday, June 12

Report supplied by PDA

CATTLE: 7186. Compared with 8072 head last week, and 5059 head a year ago. Compared with last week's market: Slaughter steers grading high Good to Prime strong to 2.50 higher, Standard & Good steady to 2.00 higher; Sl. heifers strong to 2.00 higher; Sl. cows 1.00-3.00 higher; Sl. bulls mostly steady. Sl. steers: High Choice & Prime 65.00-70.00; Choice 62.50-69.00; Good 55.00-63.00; Standard 50.00-57.00. Sl. heifers: Choice 58.00-64.00; Good 54.00-60.00; (few) Standard 45.00-53.00. Sl. cows: Utility & Commercial 44.00-50.00; Cutters 42.00-47.00; Canner & L. Cutter 37.00-44.00; Shells down to 25.00. Sl. bullocks: (few) Choice 56.00-61.00; (few) Good 53.00-58.00; (few) Standard 47.00-55.00. Sl. bulls: Yield Grade No. 1, 1100-2100 lbs. 52.00-59.00; Grade No. 2, 800-1500 lbs. 47.00-54.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-800 lbs. 57.00-71.50; Large Frame No. 2, 400-800 lbs. 45.00-58.00. Heifers, Medium & Large Frame No. 1, 500-800 lbs. 53.00-60.00; Bulls Medium & Large Frame No. 1, 300-600 lbs. 45.00-56.00.

CALVES: 3123. Compared with 3185 head last week and 2344 head a year ago. Vealers weak to 8.00 lower. (few) Prime 95.00-127.00; Choice 80.00-105.00, few 115.00; Good 65.00-90.00, 90-110 lbs. 60.00-74.00; 70-90 lbs. 50.00-65.00; Utility 50-90 lbs. 43.00-65.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 85.00-119.00; Hol. Heifers 90-150 lbs. 110.00-187.00.

HOGS: 5880. Compared with 7853 head last week and 8305 head a year ago. Barrows and gilts 1.50-2.50 higher. US No. 1-2 200-245 lbs. 50.24-52.00, few early down to 49.35. No. 1-3 195-260 lbs. 48.00-51.00; No. 2-3 190-270 lbs. 46.00-49.00; No. 1-3 140-190 lbs. 40.00-46.00; Sows 1.00-1.50 higher. US No. 1-3 300-650 lbs. 36.00-41.25. Boars 26.00-38.00.

FEEDER PIGS 1462. Compared with 1798 head last week and 2129 a year ago. Feeder pigs mostly steady. US NO. 1-3 25-35 lbs. 15.00-30.00 per head; No. 1-3 35-50 lbs. 23.00-40.00; (few) No. 1-3 50-75 lbs. 37.00-50.00.

GRADED FEEDER PIGS: 3330. Compared with 2875 head last week, and 3633 head a year ago. All sales by CWT. Feeder Pigs 8.00-

(Turn to Page A14)

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Vicon's economical **Windrow Turner** fits any tractor with 20 h.p. or more Floating fingerwheels gently roll windrows half a turn for faster drying. Working width is 4′. It can set to the right or left of the tractor.

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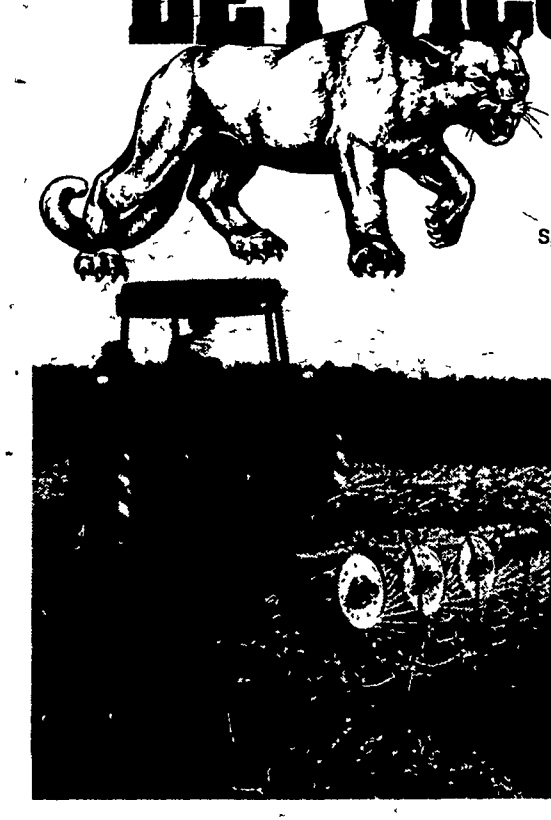
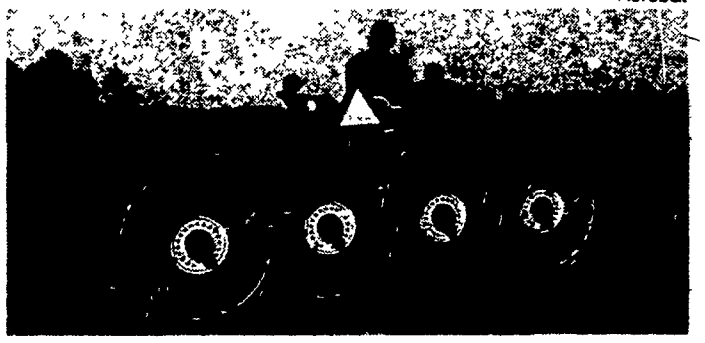
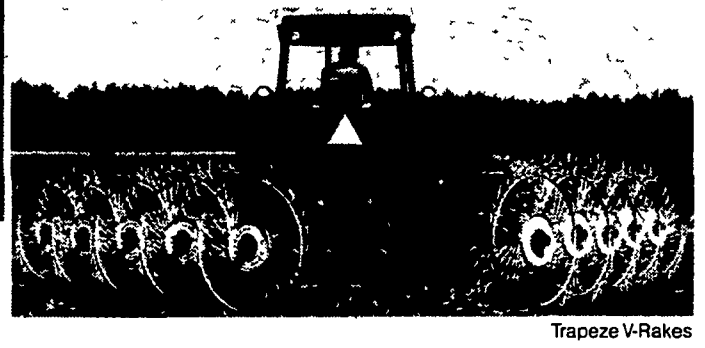


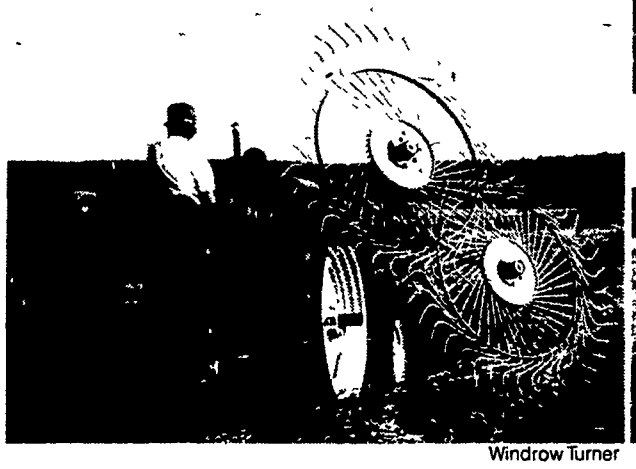
Sprintmaster



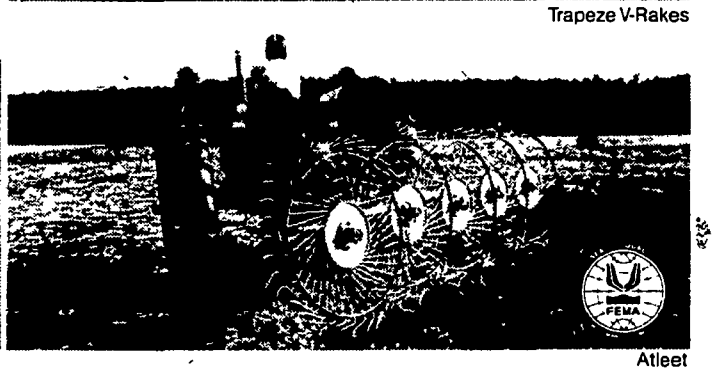
Acrobat



Trapeze V-Rakes



Windrow Turner



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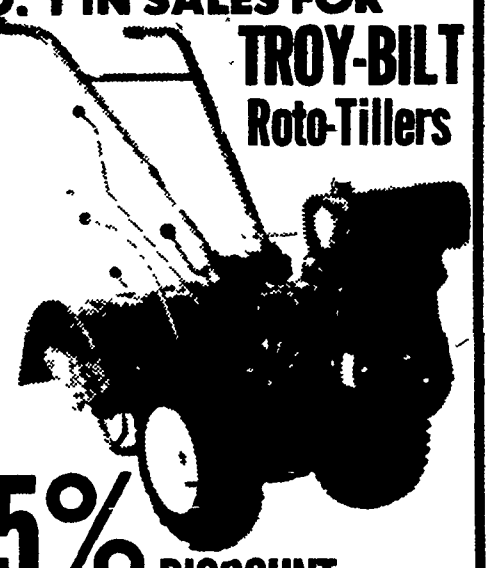

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AMS reorganizes, Packers and Stockyards separates

WASHINGTON, D.C. — Secretary of Agriculture John R. Block announced the Food Safety and Quality Service will be transferred to the jurisdiction of Assistant Secretary C.W. McMillan. FSQS and the Agricultural Marketing Service will then be reorganized to emphasize the department's marketing functions.

Under the reorganization, the commodity services program will move from FSQS to AMS, where it was located prior to 1977. The Packers and Stockyards Administration, currently a part of AMS, will become a separate agency. A search is currently underway for an administrator.

Under the authority of the Agricultural Marketing Act, commodity services provides voluntary grading service on a fee basis and develops grade standards for meat, poultry, eggs, dairy products, and fresh, canned, frozen and dried fruits and vegetables.

Block said "This streamlining effort serves to underscore the administration's dual commitment to market development and food safety. We will be able to seek new markets for the country's farmers, processors and marketers, and still guarantee that consumers here and abroad enjoy the benefits of safe, high-quality foodstuffs."

AMS, under Administrator Mildred Thymian, will continue to develop new market outlets and facilitate price determination and transactionsl FSQS, under Administrator Donald L. Houston, will become the Food Safety and Inspection Service, and will have the responsibility for assuring that meat and poultry products which move into interstate and foreign commerce are safe and properly labeled.

Block said, "The inclusion of the commodity services in AMS fulfills that agency's role in marketing. At the same time, FSIS will be able to concentrate on its traditional role of assuring consumers a safe and wholesome supply of meat, poultry and eggs.

"P&SA will continue to enforce provisions of the Packers and Stockyards Act. The act is a fair practices law which promotes fair and open competition in the marketing of livestock, meat and poultry."

Horses need salt

ALEXANDRIA, Va. — Mare's milk contains from 161 to 364 parts per million of sodium and 300 to 640 parts per million of chlorine. Therefore, an adequate intake of salt is needed for optimum milk production.

Salt serves as both a condiment and a nutrient. As a condiment it stimulates salivary secretion. Saliva contains enzymes important in the digestion of feeds.

When the sale intake is low, the body adjusts to conserve its supply. Urine output of sodium and chloride nearly stops. A high salt intake triggers greater excursion of sodium and chloride by the kidneys, and water needs increase to flush out the excess salt. In this way, the body adjusts to a wide range of salt intake so long as ample water is available.

A sodium deficiency reduces the utilization of digested protein and energy Without salt, feed is less efficiently utilized. A lack of salt will ultimately decrease growth rate.

Horses deficient in salt will lick managers, fences, dirt, rocks and other objects. They also develop depraved appetites and rough hair coats.

Horses with a severe salt deficiency, brought about by considerable sweating, become fatigued and exhausted. Horses that sweat profusely react similarly to men in hot climates who perspire excessively in strenuous activity and, consequently, need to take extra salt to avoid fatigue, exhaustion and even collapse.

The need for salt varies considerably, depending on a horse's level of work, riding or other activity. The horse sweats profusely, and its sweat contains about 0.7% salt. Horses at moderate work can lose 50 to 60 grams of salt in the sweat and 35 grams in the urine. This is approximately one fifth of a pound of salt daily.

The more a horse exercises, the more salt is lost via sweat and the more salt is required. This is one reason salt should be self-fed to horses, even though it is added to the ration.

Studies at Michigan State University by R.S. Hudson with 12 work horses during an eight-month period (May to December) showed a tremendous variation in average daily salt consumption for each animal in ounces as follows: 2.54, 3.26, 1.38, 1.69, 1.48, 1.53, 2.59, 2.72, 1.69, 2.09, 0.69 and 0.27. The horse consuming the most salt (3.26 ounces) ate 12 times as much salt as the lowest consumer (0.27 ounces).

The Michigan study also measured salt consumption of all 12 horses during the harvest season in the hot months of the year from May to August. Salt consumption averaged 0.64 ounces per horse in May and rose each month to a high of 3.18 ounces per horse in August.

The 1978 NRC publication on nutrient requirements of the horse states, "Prolonged exercise and elevated temperatures will increase the needs for sodium and chloride, since sweat contains considerable quantities of salt. The requirements have not been determined, but if salt is fed at a rate of 0.5% to 1.0% of the ration or is ingested free-choice, a deficiency is not likely to occur. Generally, chlorine requirements will be met if sodium needs are supplied by sodium chloride."

Milk truck tanks must wear wash tags

UNIVERSITY PARK — Federal inspectors and state sanitarians have found many milk truck tanks which have not been thoroughly cleaned, reports S.E. Barnard, Penn State Extension Food Scientist. In addition some have cracked seams which makes cleaning impossible.

As a result of the past year's survey, the regulations will be strictly enforced. To maintain IMS ratings, all farm pickup and over-the-road tankers will be visually checked about twice a year. Tankers with cracked seams or those found to be not clean will have to be corrected before using again.

Pennsylvania regional sanitarians are currently checking item 12p of the 1979 Pasteurized Milk Ordinance. This requires that when a truck tank is cleaned and sanitized at least once every 24 hours, that a wash tag be attached. This must show date, time, place, tanker number and signature of the person who washed the tank.

Some receiving plants will not unload a tank of milk, unless a wash tag is attached indicating that the tank was washed prior to loading with milk. These wash tags must be kept on file for 15 days.

Dairy farmers can do something about dirty tanks by contacting their dairy sanitarian. Poor sanitation causes quality problems and results in declining consumption. Wash tags on tanks are one way to improve sanitation and assure consumer acceptance.

Livestock market and auction news

Weekly Summary

(Continued from Page A13)

12.00 higher. US No. 1-2 20-40 lbs. 89.00-111.00, 40-50 lbs. 78.00-97.00, 50-60 lbs. 70.00-90.00; 60-80 lbs. 61.00-77.00; US No. 2-3 25-40 lbs. 75.00-101.00, 40-50 lbs. 80.00-89.00.

SHEEP: 695. Compared with 778 head last week and 748 head a year ago. Weak to 5.00 lower. Choice 60-115 lbs. 57.00-74.00; Good 50-100 lbs. 50.00-65.00. Sl. ewes 11.00-34.00.

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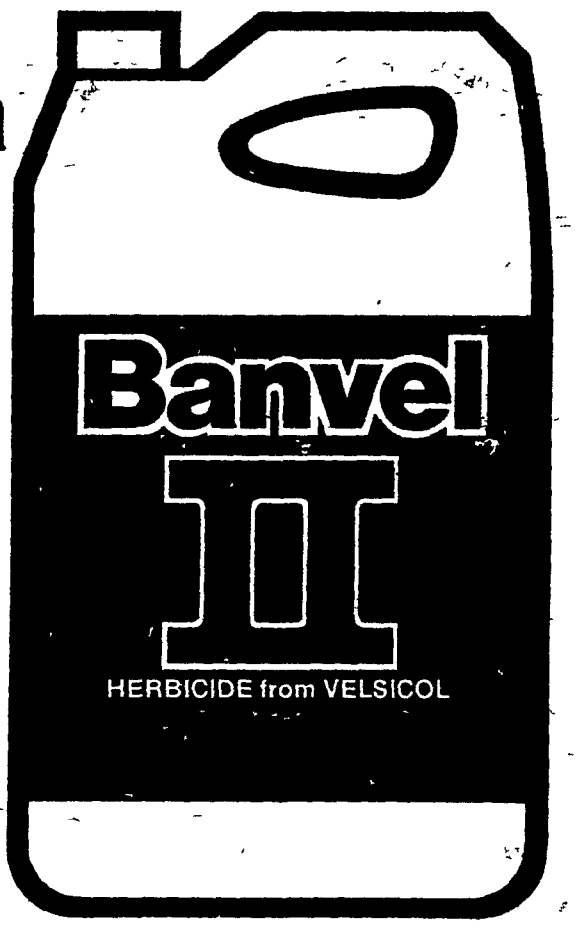

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Parent lines important in market lambs

CLAY CENTER, NEBRASKA — Profits from market lamb production can be increased substantially by using crossbred ewes of superior maternal breeds to produce lambs sired by rams of superior meat breeds.

Developing potentially superior breeds for use in such terminal crosses is the objective of SEA geneticists Lawrence D. Young and Kreg A. Leymaster at the Roman L. Hruska U.S. Meat Animal Research Center, Clay Center, Neb.

Young is directing development of maternal breeds and Leymaster development of paternal breeds. Each is determining the usefulness of multibreed populations, or "composites," as compared with the usefulness of the breeds forming these populations.

The researchers are giving priority to intensive or moderately intensive production of market lambs, for lambing either out of season or annually. Research on lamb and wool production under range conditions is underway at other federal and state research locations.

In development of maternal breeds, Young is taking advantage of genetic differences among breeds in such economically important traits as age at puberty, length of breeding season, and litter size. Ewes will come from this breed for the final cross.

Ewes are managed under two systems differing in labor and feed requirements.

One system calls for three lamb crops a year. These ewes are exposed to fertile rams in April, August, and December, giving each ewe an opportunity to lamb every 8 months. Young says that this intensive management system allows producers to more fully use confinement facilities and year-round farm labor.

The other system is conventional annual lambing, with ewes exposed to rams in November. Young says labor and available feed will continue to be seasonal in many areas, even for some producers willing to raise sheep in semiconfinement.

The flock for three-times-a-year lambing, designated Composite I, is half Finnsheep, quarter Dorset, and quarter Rambouillet breeding. Young established Composite I by mating Finnsheep-Rambouillet crossbred ewes and rams to Finnsheep-Dorset ewes and rams.

The Composite II flock for annual lambing is half Finnsheep, quarter Suffolk, and quarter Targhee breeding. Mating Finnsheep-Suffolk crossbred ewes and rams to Finnsheep-Targhee crossbred ewes and rams established Composite II.

Selection emphasis while upgrading the two flocks will be somewhat different.

In Composite I, improving out-of-season breeding will have priority; in Composite II, increasing the number of lambs produced per ewe each year will have priority. Earlier age at puberty, better mothering ability, and larger litter size are additional selection objectives in both composites. The breeds forming each composite will be similarly selected for comparison.

In his part in the study, Leymaster is working with both a Suffolk flock and a three-breed composite population. The paternal breeds he is developing are potential sources of rams for sheep producers specializing in market lamb production.

In previous research at the Center, the Suffolk breed excelled in lean growth rate as compared with the Hampshire, Dorset, Rambouillet, Targhee, and Corriedale breeds. The Clay Center scientists also found that Suffolks were superior to Hampshires and Oxfords as terminal sires of market lambs.

Leymaster is developing selection procedures for paternal breeds in the Suffolk flock. His major emphasis is on producing market lambs with more efficient lean growth up to relatively heavy weights.

The three-breed paternal composite is based on a crossbred foundation established by mating selected Columbia rams to Suffolk-Hampshire crossbred ewes. The resulting composite is half Columbia, quarter Suffolk, and quarter Hampshire.

This composite population will be placed in a selection program for improving efficiency of lean growth.

This long-term breeding and selection effort should produce information useful to producers of purebred and commercial stock.

Results of these studies should be especially useful to those producers who wish to apply genetic principles in improving market lamb production under intensive or semi-intensive management.

Selection methods developed by Young and Leymaster for upgrading sheep populations as sources of ewes or rams will aid producers in establishing their own breed improvement programs.

Drs. Lawrence D. Young and Kreg A. Leymaster are located at the Roman L. Hruska U.S. Meat Animal Research Center, P.O. Box 166, Clay Center, NE 68933.—(By Walter Martin, SEA, Peoria, Ill).

Mason-Dixon P. Hereford Assoc. elects directors

ARTHURDALE, W.V. — The Mason-Dixon Polled Hereford Association held its First Annual Field Day and business meeting on June 6 here at the Stoney Run Farm of Mr. and Mrs. Edward P. Bucklew.

About seventy-five interested breeders and friends braved the rain to participate in the events.

John Buric, University of Maryland; W.C. Taylor, Cottage Hills Farm; Keith Inskeep, University of W.Va.; Sam Hunter, Huckleberry Hall Farm; and M.R. McClung, Ex. Sec. West Virginia Cattlemens' Association, presented a variety of informative topics and demonstrations for the group.

Following the Field Day Activities the association's fifty-three members elected nine to the Board of Directors of the Association. The directors are: Edward P. Bucklew, Independence, W.Va.; Dr. William H. Buser, Swanton, Md.; Lawrence A. Chaikcic, Vanderbilt, Pa.; O. Randall Harman, Accident, Md.; Samuel Hunter, Smithsburg, Md.; Paul C. Peaslee, Kingwood, W.Va.; Dr. Leslie P. Midls, Marianna, Pa.; Don E. Ross, Bruceton Mills, W.Va.; and James B. Watson, Westernport, Md.

The membership also adopted by-laws to be used by the Association and received a preliminary sales report related to the Association's fall sale to be held October 24.

The Board of Directors elected as its officers: Dr. William H. Buser, president; Don Ross, vice president; Randall Harman, treasurer; and Brenda Jenkins, Friendsville, Md.

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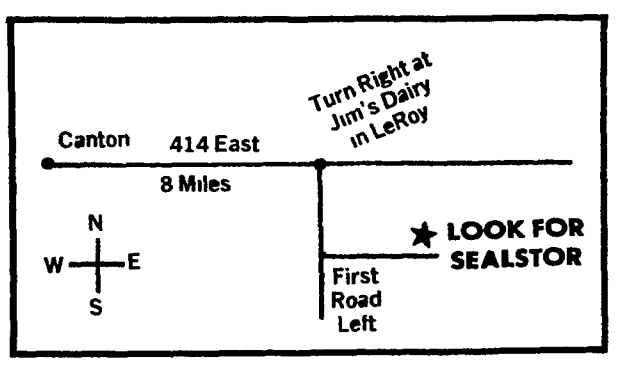

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Humans and livestock benefit from genetic breakthroughs

DENVER, Colo. — Livestock are the new guinea pigs for medical research using recombinant DNA and other genetic engineering techniques; but the animals stand to benefit as much as humans from recent breakthroughs.

"I think it is going to revolutionize the (livestock pharmaceutical) industry with new methods of immunizing animals against disease," said Dr. Dick Searl of the Ford Dodge Laboratories.

Genetic engineering research has centered on livestock for several reasons, primarily because livestock today are normally crowded into close quarters, making them more susceptible to disease.

According to Dr. Robert Ellis, microbiologist at Colorado State University, "If cattle were still on the open range, they wouldn't have as many problems with anything, especially not serious diarrhea. Confinement of any species does amplify problems that already exist."

Dr. Ellis, who is developing a vaccine against diarrhea caused by E. coli bacteria in livestock, believes that a vaccine against travellers' diarrhea in humans is now possible. "The research is a lot of work with a lot of problems, but it can be done with imagination and money," he said.

The recombinant DNA vaccine research focuses on individual proteins, called antigens, which are indirect culprits of viral and bacterial disease. In the case of E. coli, a few types of protein antigens must be present for the E. coli to attach itself to the intestinal wall and begin to multiply in the intestine.

Once the scientist has identified the antigens, he can duplicate them by cloning, or by isolating and purifying them, for the vital ingredient in the vaccine. The vaccine stimulates the production of antibodies, which destroy the antigens and thereby prevent the multiplication of the bacteria.

Before genetic engineering, vaccines were made from a small amount of the attacking virus, which caused antibodies to form agains that strain of virus. They ahve been very effective in preventing some viral diseases, such as measles, mumps and polio; but they are not specific enough for some viral strains and they are not effective agains bacteria.

In addition to E. coli reserach, efforts to clone the important proteins in rabies virus are now underway. None of the genetically engineered vaccines now being developed are yet on the market.

Scientists at the US Dept. of Agriculture's Plant and Animal Protection Quarantine Center at Plum Island, N.Y., working with the private firm, Genentech, are reportedly very close to developing a vaccine for foot-and-mouth disease. Because the disease is one of the most vicious killers of many types of livestock, the virus strains are not allowed in the continental US, and research can only by conducted at the island laboratiries.

Hutchinson talks mange control

UNIVERSITY PARK — Do you have some hogs that are scratching and rubbing; have skin that is cracked, sore, and tender? If even a few pigs in an otherwise healthy-looking pen show these signs, there is a good chance your pigs have mange, according to Lawrence Hutchinson, Extension Veterinarian.

Hog mange is caused by white mites about 1/60th of an inch long. They burrow in the skin and suck body fluids. These mites also cause a skin irrigation which is the cause of the itching and scratching. Mange mites lay small eggs which hatch in 7 to 10 days into adult mites.

Although you may be able to diagnose mange just by looking at your pigs as sure way to confirm the diagnosis is to have your veterinarian examine a skin scraping under a microscope. A scraping from inside the ear is the best, says Dr. Hutchinson.

Control of hog mange requires regular dipping or spraying. Three effective products are malathion (Cythion) 57% EC or 25% WP, toxaphene 61% EC, and Co-Ral (coumpahos) 25% WP. Follow the label directions for mixing and use. These insecticides are effective against the adult mite, but not against the eggs so repeated treatments at one week intervals will be necessary to completely rid your hogs of mange.

Remember that even one infected pig on the farm can be a source of spread to others. That means you should treat your boars when the sows are treated. You should also treat purchased animals before they are added to your own stock.

One good time to treat mange suggests Dr. Hutchinson is before the sows enter the farrowing house. Even mild mange infestation in sows can be disastrous to baby pigs.

Hog mange is a profit-robber and is present on many Pennsylvania farms. All it takes is a little time to remove those mange mites from your operation.

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Carriage caravan trots through scenic Lancaster Co.

NEFFSVILLE — The Red Rose Horse and Pony Carriage Club once again will be wheeling down the country roads of Lancaster County. Close to 200 horse-drawn vehicles are expected to hitch for the 13½ mile drive on Father's Day, June 21.

The carriage caravan will pull out from the Glatfelter Pony Far, located midway between Neffsville and East Petersburg along Petersburg Road, at 2 p.m. Their route will taken them down Kozer Road, bringing them to the Lancaster Airport at 2;30 p.m.

From the airport, the lineup of carriages will trot via the Jake Landis Road to the Pine Town Covered Bridge — estimated time of arrival is 3:15 p.m Then it's on to Hunsecker's Covered Bridge with an E.T.A. of 3:45 p.m., with a final stop at the Landis Valley Museum at 4:15 p.m. Probably slightly weary, the carriages are expected back at the Pony Farm at 5 p.m., where a warm meal awaits the drivers and passengers who made the trip.

This is the 15th year the drive has been sponsored by the Red Rose Horse and Pony Carriage Club, with hosts Richard and Bonnie Glatfelter.

According to Glatfelter, the drive is open to the public — not restricted to club members. He invited all carriage enthusiasts to join in the fun. For more information, call 717/569-5150.

Dick Glatfelter will be hosting the 15th Annual Red Rose Horse and Pony Carriage Club drive this coming Father's Day. The 13½ mile drive through scenic Lancaster County. Here, Glatfelter puts his registered Welsh ponies through their paces in a difficult 'unicorn' hitch (where one pony 'floats' out in front of two wheelers). Trisha, the Dalmatian, relaxes on the passenger's seat of the miniature beer wagon.

Ag department studies gypsy moth problem in western Pa.

HARRISBURG — To determine the extent of gypsy moth infestation in ten western Pennsylvania counties, a survey is being conducted from June to September, according to the State Department of Agriculture. Counties involved include Allegheny, Beaver, Crawford, Erie, Fayette, Greene, Lawrence, Mercer, Washington and Westmoreland.

The survey consists of setting and monitoring nearly 1,900 gypsy moth traps and is being conducted by the United States Department of Agriculture in cooperation with the State's Bureau of Plant Industry.

Bureau Director Edwin Wallis said over the year gypsy moths have been slowly spreading westward across the state. "The survey is needed to find out how far and how wide they have spread," he said.

He added, "The gypsy moth is currently the most serious insect enemy of Pennsylvania forests. Each year, thousands of acres of trees across the state are defoliated by these hungry pests."

According to Wallis, workers began setting the small cardboard traps, baited with a synthetic sex attractant, on trees during the first week in June and are expected to have most of them in place in the next few weeks.

The traps, which only attract gypsy moths and do not harm other insects, birds or humans, will be removed by the first week in September, the bureau director added.

Wallis noted that under the Pennsylvania Plant Pesticide Act, workers are allowed to enter private lands to place and make periodic checks of the traps. The traps do not harm the trees they are placed on.

"By keeping a constant tab on the gypsy moth spread through studies such as this," Wallis said, "officials will be better able to combat the infestation and preserve our state's forestlands."

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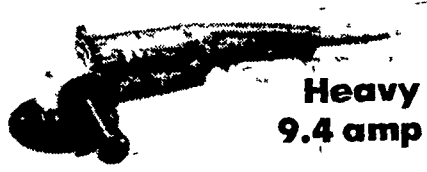

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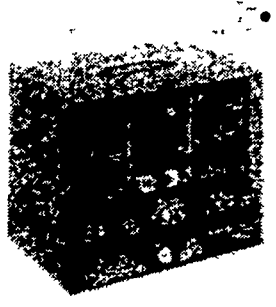

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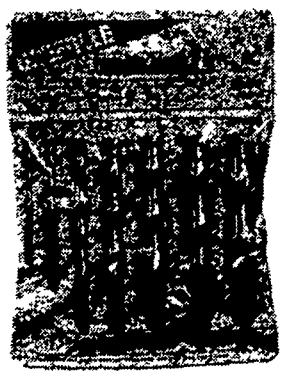

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Lancaster cattle markets top $70

LANCASTER — Spurred by gradual increases over the past month to six weeks, an active cattle market in Lancaster County pushed some prices over $70.00 this week for the first time in more than a half-year.

In fact, a few head of good and choice slaughter steers at Vintage on Tuesday were nudging the $73.00 level.

If expected increases continue and prices climb just a couple more dollars to $75.00, they'll reach a point where cattlemen will even be making a little money for the first time in quite awhile, according to Lou Moore, Penn State ag economist.

Monday's auction at the Lancaster Stockyards showed slaughter steers $1.00 to $1.50 higher. High choice and prime ranged from 66.10 to 68.25 with a few head from 68.25 to 68.85. Choice ranged from 66.75 to 68.25, with a few head reaching 68.80 to 70.25.

Tuesday's prices at Vintage were up $2.00 to $3.00 over last week. High choice and prime were selling at 68.50 to 70.75 and a few to 70.85. The good and choice were at 69.50 to 71.00 and a few from 71.25 to 72.85.

On Wednesday at the Stockyards, prices for high choice and prime ranged from 67.75 to 69.50 and a few from 69.60 to 70.10.

This marks the first time that prices moved over the 70.00 level since last fall. Prices were generally above 70.00 for October and the first half of November.

But then prices quickly nosedived and were in the low-60's by November and December.

This week's prices around the $70.00 point were being paid by packers and the few higher prices were being paid by retailers.

"I look for cattle prices to remain relatively strong and even show a bit more of an increase," Moore said.

"When they reach $75.00, cattlemen will have enough to cover all expenses and even be able to pocket a little."

If that break-even point is reached, it would be welcome news to cattlemen – the first in a period of mostly dismal prices that have prevailed for just about two years.

Any recovery in cattle prices were held off during the first quarter of the year because steers were being marketed at higher weights and the amount of beef turned out to be some six percent above what had been expected.

But presently, beef quantities are expected to be about two percent below a year ago.

Also, during the current quarter pork supplies are about eight percent below a year ago.

And little increase is anticipated in poultry quantities.

A combination of these lower red meat supplies is expected to add up to a continued strong beef market.

But a major dampening factor, according to Moore, is the general economy.

"The economy is not rebounding as it was hoped it would," he explained.

"Consumers are still holding back on purchases and this includes such things as beef, too.

"If we would hit a strong general economy, you could see beef prices rise another $5.00 easily."

The current rebounding market has brought an appeal from the National Cattleman's Association for continued marketing at lower average weights to provide higher market prices.

The Association points out that when the industry was not current in its marketings average carcass weights got as high as 650 lbs. and the average choice steer price was somewhere around 61.00. And when carcass weights dropped to 640 lbs. the choice steer price rose to 67.00.

The Association said the marketing weights are important because the May cattle-on-feed report shows that fed cattle numbers in the August-September period will be larger than previously expected.

Avoiding over-feeding could help to minimize some potential problems that may arise in late summer, the Association said.

Franklin Co. sets oil and gas leasing seminar

CHAMBERSBURG — The Franklin County Extension Service will sponsor an educational seminar on oil and gas leasing at the Kauffman Community Building, on Thursday, June 18, at 8 p.m., announced County Agent Bill Reagan.

The speaker will be Carl W. Sherman, professor of Petroleum and Natural Gas Engineering in the College of Earth and Mineral Science, at Penn State. He will discuss "Oil and Gas Leasing - A Two Way Street."

"With over 24 years in related industry work and also in regulatory work, Sherman is highly qualified to discuss the pros and cons of oil and gas leasing," commented Reagan.

Anyone with questions relative to this topic is urged to attend. Time will be allowed for questions and discussion, said Reagan.

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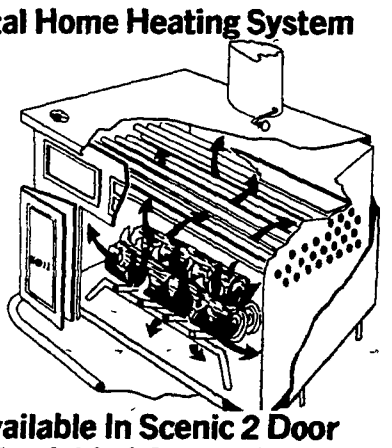

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USDA funds Lancaster's Conestoga Headwaters at $1.93 million

LANCASTER — Lancaster Conestoga River headwaters is one of eight sites approved by Secretary of Agriculture John R. Block last Friday in which the U.S. Department of Agriculture will be combatting agricultural-related pollution under the Rural Clean Water Program. The total nationwide cost of these eight projects has been estimated at $20 million.

The voluntary federal program is designed to control nonpoint sources of pollution on privately owned farmland through financial and technical assistance of the USDA Soil Conservation Service and the Agricul al Stabilization and Conservation Service. Also assisting in the program will be the Cooperative Extension Service, Conservation District, Bureau of Forestry, Department of Environmental Resources and the local school districts' vocational agriculture departments and Young Farmer associations.

An amount of $1.93 million has been set aside for the Conestoga here in Lancaster County. This is the first project of its kind to be undertaken in Pennsylvania.

According to Richard A. Pennay, acting chariman of the Pennsylvania State ASC Committee, the Conestoga was the number one priority project for the Commonwealth. He noted that a previous application for RCWP funds made last year was not funded due to the state's water quality plan not being approved by the Environmental Protection Agency in time to qualify. He added the state plan still has only the conditional approval from EPA granted last July.

The close to $2 million designated by USDA for the Conestoga is less than half of the total projects estimated cost of $4,853,513. Besides the $1.93 million in RCWP funds, it has been estimated the cost to the 400 farmers with critical conservation needs on the 16,000 acres of Lancaster County farmland will amount to slightly over $2.3 million. An additional $605,000 has been earmarked for other costs.

The Conestoga watershed is located in northeastern Lancaster county, consisting of over 100,000 acres and over 1,200 farms. A survey of the area, which was conducted in the preliminary stages of the application process, estimated the watershed's cropland supported approximately 36,000 acres of corn, 7,500 acres of small grains, 18,000 acres of hay and forage crops, along with 1,500 acres of tobacco and potatoes. And, almost all of the farms were involved in livestock, poultry, and/or dairy operations.

The study cited the major water quality problems in the Conestoga to be: nitrogen and phosphorus from manure, pesticides, sediment from intensive cropping, and high coliform bacteria related to animal waste.

In defining what constitutes a critical nonpoint source pollution problem, the study identified them as:

— Those farms adjacent to major streams within the Conestoga Headwaters Area;

— Those farms adjacent to small tributaries within the watershed;

— Livestock farms having an animal unit density greater than 1.5 animal units per acre; and

— Those farms using high rates of commercially supplied nutrients and pesticides on all or most of their land.

To help solve these nonpoint source pollution problems, various conservation measures have been called for, with the federal government footing the bill for 50 to 75 percent of the cost in most cases. These best management practices, as they are referred to by the conservation agency personnel, include: establishing permanent vegetative cover, animal waste management systems, sediment basins, strip-cropping, cropland terraces, diversions, waterways, stream protection, tree planting, along with fertilizer, pesticide and cropland management.

Terraces and animal waste management systems received the greatest emphasis in the Conestoga application with close to $1 million of the requested federal monies going toward these two practices.

According to Warren Archibald, district conservationist for the Soil Conservation Service in Lancaster County, now that the project has been given the go ahead and financial support from Washington, D.C., the local field office will begin developing a work plan. After that, farmers can begin to file cost-share applications with Ray Brubaker, county executive director, for Lancaster ASCS.

When asked what he anticipates the response of farmers in the Conestoga area to be when the funds become available, which should be hopefully before the end of the year, Archibald said, "There'll be a certain amount of people who will be at the door waiting to sign up, and there'll be others we'll have to convince they need our help."

Other states receiving RCWP funds this year are: Florida, $1,338,100; Massachusetts, $553,173; Minnesota $2,018,122, Nebraska, $1,835,775; Oregon, $2,011,099; South Dakota, $1,097,548; and Virginia, $1,889,995

Masonic Homes gets Ayrshire award

ELIZABETHTOWN — The Ayrshire Breeders Association has announced that Masonic Homes Farms, Elizabethtown, qualified for their 15th Constructive Breeder Award during 1980.

In winning this event, the Masonic herd maintained a mature equivalent production average of 14,079 pounds of milk and 619 pounds of butterfat and had an average type appraisal score of 78 on 122 head of cattle.

The Constructive Breeder Award is presented by the Association to honor Ayrshire Breeders enrolled on official DHIR testing program and who have their herd appraised for type on a regular schedule. To qualify for this award, the majority of registered Ayrshires in the herd must be bred by the owner and maintain a high level of production with good type conformation.

The Ayrshire Breeders Association records and preserves the parentage of all registered Ayrshire in this country. In addition to registering over 10,000 Ayrshires each year, the organization conducts a wide range of programs and services to assist breeders and to promote and improve the Ayrshire Breed.

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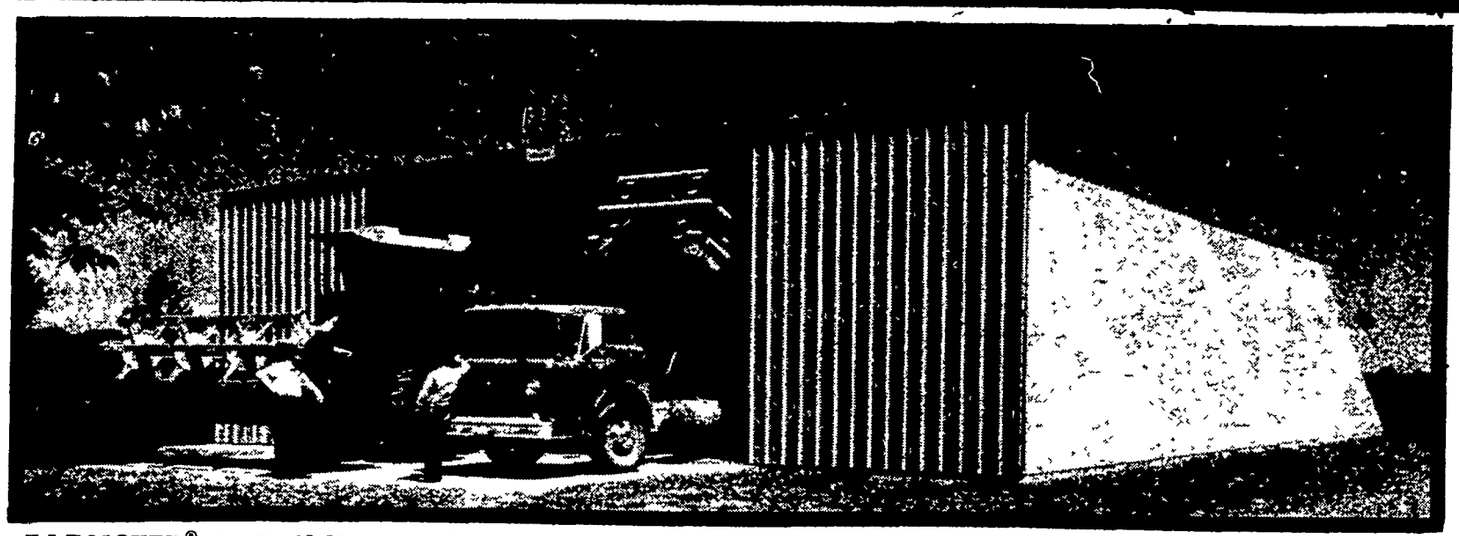

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Build a backyard solar dryer

WINTER HAVEN, Florida — If you love the tangy, sweet taste of dried apricots and peaches, or enjoy the spicy flavor of dried peppers and onions, a backyard solar food dryer may be just the thing for you.

For less than $20, you can build this energy-efficient device. All you need for the project are simple handtools — hammer, drill, pliers, clamps, and handsaw; inexpensive materials—string, aluminum foil, glue, and wood for a frame; and a little bit of do-it-yourself ingenuity.

Free, detailed instructions are available from the U.S. Citrus and Subtropical Products Laboratory in Winter Haven, Fla., where SEA researchers designed built and tested the driver as part of a cooperative effort with the Department of Energy.

The unique feature of the dryer is a low-cost, curved focusing surface that concentrates radiation from the sun just enough to dry foods but not enough to cause them to overheat or burn. The focusing surface is made from ordinary household aluminum foil drawn over strings held taut by a framework of laminted wood curves or parabolas. These parabolas are glued into a framework designed to support the dryer at an angle that best catches the sun's rays. The dryer focuses 16 sq. ft. of insolation—incoming solar radiation—onto 5.3 sq. ft. of drying surface.

The dryer is covered with polyethylene (clear plastic) with slit openings arranged at the top and bottom to allow controlled air to flow upward from the base, through a perforated aluminum shelf on which the food is dried, and then out the top. This plastic covering protects the food from dust, birds, insects, rain, and prevents the re-entry of moisture.

Chemical engineer Charles J. Wagner and research chemist Richard L. Coleman (project leader) have simplified what might have been a difficult phase of the construction by forming the parabolic curves with thin wooden strips placed according to pattern, then glued and secured with clamps.

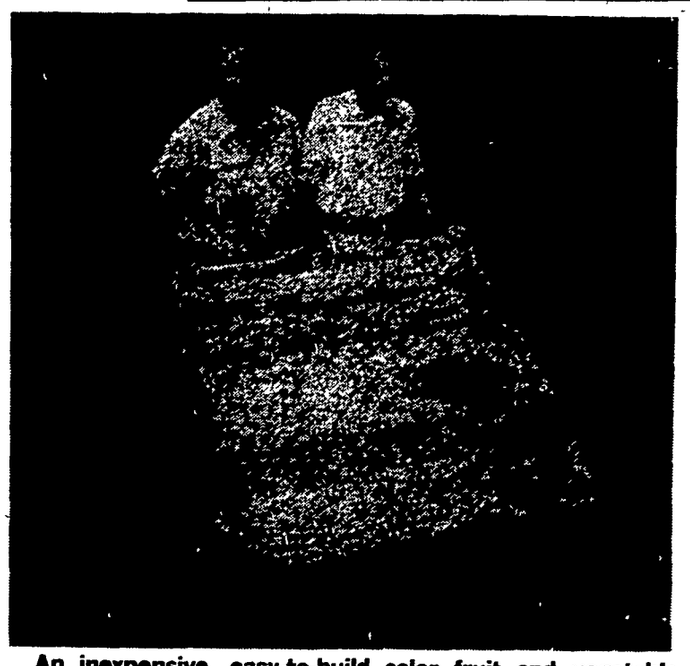
"The parabolic aluminum reflector increases the drying rate of foods," says chemist Robert E. Berry, laboratory director. "Some products that previously took 3 to 5 days for solar drying can be dried in 1 to 1½ days. With this model, we have beaten the high cost of previous designs which used parabolic solar-concentrating mirrors."

"Parabolic reflectors have been used as solar energy focusing devices throughout history," says Coleman. "Now, as the cost of fossil fuels continues to climb, the application of solar energy is not only popular, but necessary."

The researchers have evaluated sundrying of tropical and subtropical fruits and vegetables for several years. Wagner has found that peaches, mangos, green peppers, onions, mushrooms, plantains, and grapes can be successfully preserved by home drying. Some food products need pretreatment, such as blanching and/or slicing.

Coleman and Wagner have also studied the effect of focused insolation on moisture content of muscadine grape varieties, which make excellent raisins. The researchers expect to find some differences in drying times between fresh, deseeded, and pretreated grapes.

Information on pretreatment for sundrying foods is available from the researchers, along with detailed, illustrated directions on the construction of the solar dryer. Write to the U.S. Citrus and Subtropical Products Laboratory, P.O. Box 1909, Winter Haven, FL 33880.



An inexpensive, easy-to-build solar fruit and vegetable dryer, demonstrated by Charles J. Wagner (left), SEA chemical engineer, and Richard L. Coleman, SEA research chemist, uses curved aluminum foil mirror to reflect enough solar energy to dry produce 2 to 3 times faster than conventional sun-drying.

Franklin Co. Conservation Board meets

CHAMBERSBURG — Objectives for 1982 were set at the June 4 meeting of the Franklin County Conservation District Board of Directors.

One of the major changes was the district's responsibilities under Level 5 of the Bureau of Soil and Water Conservation's erosion and sedimentation control program.

Three county landowners were approved for conservation planning assistance. They are: Larry Rosenberry, Lurgan Township; Mervin Frey, Montgomery Township; and B-J Nursery, Hamilton Township.

Tour plans have been finalized. The tour will be held on July 7 to visit the cannery operation and cropland terraces at P. Paul Bert's farm, dairy operation at Ken Schoenberg's farm, and a visit to the gypsy moth problem areas. The public is invited to attend. Anyone wishing more information should contact the district office at (717) 264-8074.

Applicants are still being taken for the Solar Water Heater workshop to be held July 10 and 11 at the Chambersburg Recreation Center. More information on this workshop can be obtained by contacting Beverly Kauffman at 264-8074.

Executive Assistant Beverly Kauffman will be attending workshops on the erosion and sedimentation control program, Level 5, at State College on June 17 and 18.

John Akers, district conservationist for the Chambersburg Field Office of the USDA Soil Conservation Service, gave a report on his office's activities for the month.

xxx

During the semicentennial celebration of the Franklin Institute in Philadelphia, the ice cream soda was introduced by Robert M. Green.

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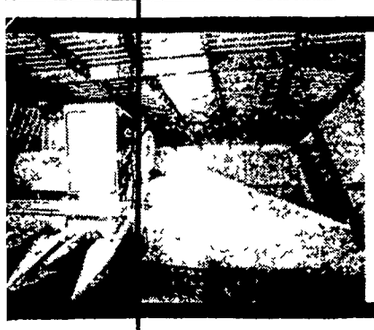
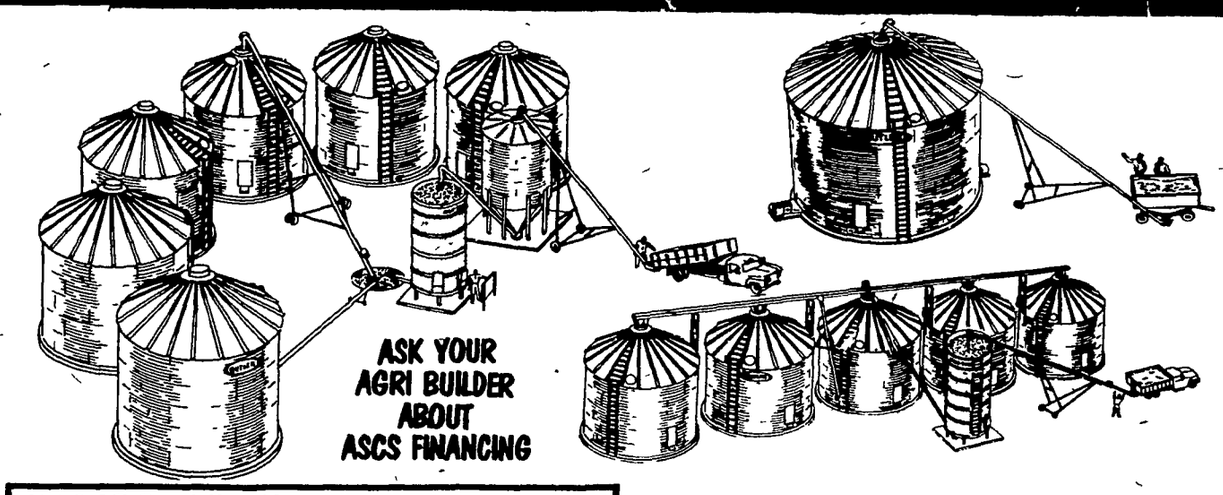


IDEAL FOR GRAIN OR MACHINERY STORAGE



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Federal Pure Food and Drugs Act marks 75th anniversary

HARRISBURG — "Poisonous preservatives, dyes in foods and cure-all claims for worthless and dangerous patent medicines led to the enactment of the Pure Food and Drug Act of 1906," notes Pennsylvania Agriculture Secretary Penrose Hallowell.

"Marking its 75th anniversary June 13-17, the act was the first federal law to help states provide protection to consumers from dangerous, adulterated and mislabeled food and drug products," he said.

Up until 1906, according to the Secretary, Pennsylvania and other states had their own food and drug laws, as they still do now, but these laws had little control of food shipped across state lines.

"Pennsylvania is the leading agricultural state in the Northeast, shipping large quantities of food across the country. We have worked to provide consumers with the safest and highest quality products," Hallowell said.

The State Agriculture Department's Bureau of Foods and Chemistry has always worked closely with the Federal Food and Drug Administration to enforce the 1906 act and its successor, the Food, Drug and Cosmetic Act of 1938.

He said, "State Foods and Chemistry inspectors assist the FDA by conducting federal inspections while doing their own state inspections, thus eliminating duplication, increasing efficiency and saving taxpayers money."

Inspectors are trained to evaluate proper food handling practices, to detect poor sanitation conditions and to determine if food products are adulterated or mislabeled. Firms inspected include bakeries, food stores and warehouses.

Inspectors take great care when checking food processing plants, a $9.7 billion industry in Pennsylvania, to assure that proper time and temperature requirements are met in cooking and refrigeration procedures, he added.

More than 25,000 establishments, of which about 6,000 must comply with FDA regulations, are checked by State Foods and Chemistry inspectors each year. "More than $1.6 million in food was voluntarily disposed of last year," Hallowell said.

"Continued improvements and cooperation in the food industry have contributed to the present high levels of safety and quality of food products and have helped keep Pennsylvania Agriculture Growing Better."

Livestock industry must 'toot own horn'

WILLISTON, N.D. — The livestock industry must find a way to tell the rest of the nation and the world that "we're in the most important business in the world, feeding our fellow man," marketing leader Lemmy Wilson said here recently.

Wilson, president of Livestock Marketing Association, told the 52nd convention of the North Dakota Stockgrowers Association "We must find vehicles and methods to get our story before the people."

"We all have our story to tell about this great industry," he said, and asked the group if they were doing their part, "from whatever vantage point you occupy?"

Saying there are a "lot of people" who don't realize the livestock industry's importance, Wilson added "If we don't tell them, who will?"

Wilson said his participation in the 4th World Meat Congress, held in late May in South Africa, "brought home to me the worldwide importance of what we do."

Wilson chaired a session on livestock production during the four-day Congress, held in Cape Town.

Expressing optimism for the long-term future of the livestock industry, Wilson pointed out June 9 "There's an increasing number of people in the world who are going to be depending on the livestock industry to produce the protein they need, and the products they like."

Wilson also reviewed the role of the marketing sector in today's livestock industry, saying it has always been a leader in assuming financial risk, "creating a competitive atmoshpere which benefits both the producer and the marketing businessman," and arranging livestock transportation services.

LMA's current national campaign on behalf of its Livestock Marketing Reform Act is one of the ways marketing is "on the move," working for the benefit of the entire industry, he said.

The Reform Act is not just a marketing bill, since it includes several provisions that will benefit livestock producers, he noted. One of these provisions "will significantly strengthen existing penalties for a variety of marketing frauds," including fines and imprisonment.

Pointing out that the marketing sector "did almost $54 billion worth of business last year," Wilson said "It's no surprise that a business that size attracts a fringe element of con artists, flim-flam men and outright crooks."

And, he said, "We want them put out of business, and in away that will deter other fast buck artists."

Wilson pointed out that "perhaps the most damage these people do is not monetary, but to the free marketing system itself. They undermine the trust in, and integrity of, that system."

Guernsey tests reported

PETERBOROUGH, N.H. — Three Pennsylvania registered Guernseys recently completed top official DHIR production records, according to the American Guernsey Cattle Club.

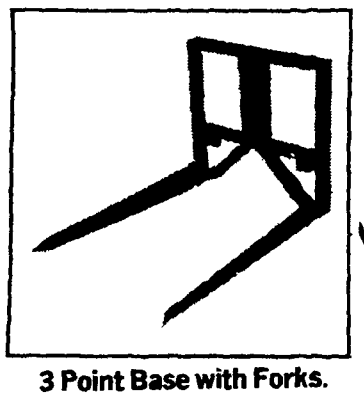
Two of the cows were in the Lindenhof herd of K.D. Linde, of Oxford. Lindenhof Bart Frame, a three year old, produced 16,240 lbs. of milk and 822 lbs. of fat in 305 days. Lindenhof Deacon Trixie, a two year old, produced 15,700 lbs. of milk and 728 lbs. of fat in 365 days.

Elsview Farms Leaders Bea, a four year old, owned by John & Ginger Myers, of Littlestown, produced 19,740 lbs. of milk and 918 lbs. of fat in 365 days.

All were milked twice a day and the testing supervised by Penn State.

graves

HOW TO MOVE ROUND BALES!



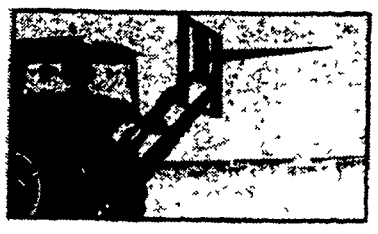
3 Point Base with Forks.

3-POINT BASE WITH FORKS

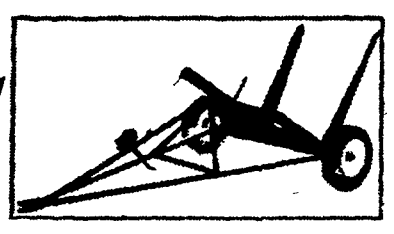
Bale Forks and 3 Point Base are designed to handle bales that are flat on bottom from prolonged storage, as well as new bales without difficulty. 3 Point Base fits on category II and will accomodate both forks and spike and will fit Hi-Lift or Bale Transport.

Bale Forks have a tapered wedging action to enable operator to load or unload without loss of hay or damage to the bales that no longer have twine on them. Bale Forks are recommended for transportation or movement of bales that no longer have twine on them.

VERSATILE (Same 3 pt. Base)

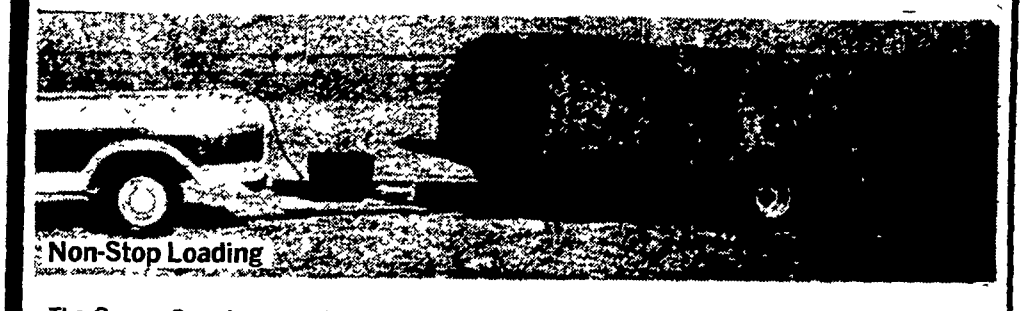


Hi-Lift with 3 Point Base and Spike or Forks.



Bale Transport with 3 Point Base with Forks

graves SPEEDWAGON



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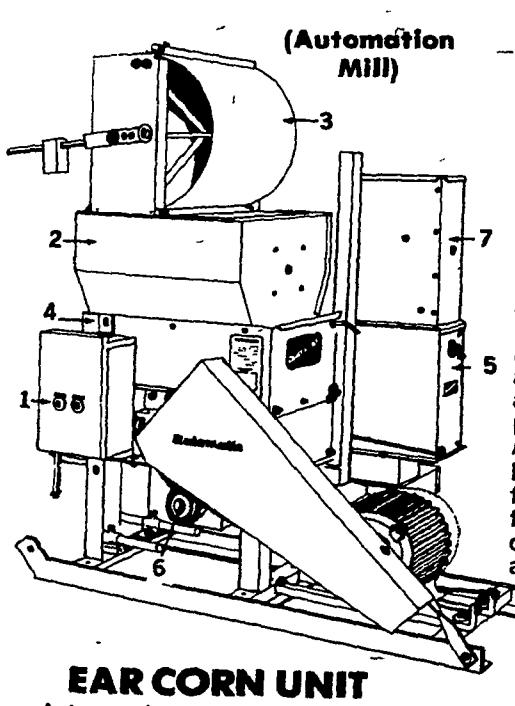

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Note: The Automatic Dump Scale and feed metering units may be gravity fed from overhead bins or hoppers Flow-control switches are required if input augers are used in place of gravity flow.

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Automatic's ear corn unit handles wet, shucky and even frozen ear corn The crusher unit shreds the cob followed by rollers that crack the corn, producing a flaky, dust-free feed for greater digestibility. The hydraulically driven intake auger swings to the rear for transport and may be operated at any angle from rear to side.

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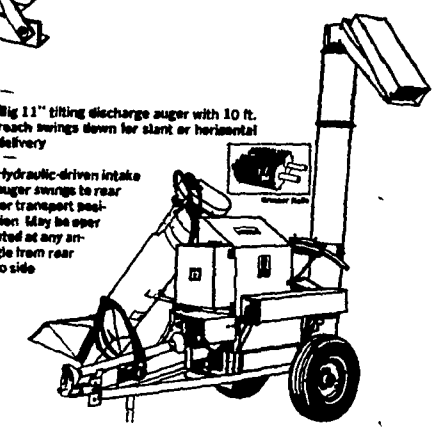
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June is dairy month

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Rain limits fieldwork

HARRISBURG — Scattered thunderstorms and showers held farm fieldwork to only two days in the Commonwealth during the week ending June 8. Rain fall amounts ranged from 0.34 inches in the Philadelphia area to 2.5 inches in some northern mountains, according to the Pennsylvania Crop Reporting Service.

Farm field activities included planting of corn, soybeans, tomatoes, snap beans and tobacco; harvesting hay and haylage; and spraying alfalfa and fruit trees.

Strawberries are ripening, and early harvest has begun. Green peas are reported to be doing well.

Statewide soil moisture was rated as 65 percent adequate, 33 percent surplus and two percent short. Soil moisture was rated as 62 percent adequate and 38 percent surplus in northern counties, 63 percent adequate and 37 percent surplus in central counties, and 71 percent adequate, 22 percent surplus and seven percent short in central counties.

Corn planting is 90 percent complete statewide, compared to 92 percent for both last year and the five-year average. Planting is now 87 percent complete in the north, 93 percent complete in central counties and 92 percent complete in the south. Corn height averages four inches statewide, on a par with last year.

Soybeans are now 59 percent planted, compared to 66 percent planted last year. Northern county soybeans are now 66 percent planted while the central and southern counties report 60 and 52 percent planted, respectively. Tobacco transplanting is 48 percent complete, ahead of last year's 32 percent.

Barley is now 75 percent headed and seven percent turning yellow, compared to last year's 81 percent headed and three percent turning. Central counties report 95 percent headed and less than five percent turning, while the barley in northern counties is 47 percent headed and six percent turning. Southern barley fields are reported as 83 percent headed and 17 percent turning.

The state's wheat crop is now 64 percent headed, below last year's 70 percent. Southern wheat is now 88 percent headed, while wheat in central and northern counties is reported at 71 and 35 percent headed, respectively.

First cutting of alfalfa is now 29 percent complete statewide, compared to 33 percent last year at this time. First cutting is now 50 percent complete in the south, 20 percent in central counties and 18 percent in the north.

First cutting of clover-timothy hay is eight percent harvested, below the 13 percent cut last year. Harvest of first cutting clover-timothy stands at 17 percent in the south, seven percent in central counties and five percent in the north.

Hay quality for the week was mostly poor to fair. In the northern counties hay was rated 33 percent poor, 33 percent fair and 34 percent good. Hay quality in central counties was rated 67 percent poor, 22 percent fair and 11 percent good, while southern hay quality was rated as 30 percent poor, 40 percent fair, and 30 percent good.

Feed from pastures was rated as average across the state, with northern farm operators reporting pastures as 91 percent average and nine percent above average. Central pastures were rated as 71 percent average and 29 percent above average, while southern pastures were rated 89 percent average and 11 percent above average.

Cabbage growers are reporting some cutworm damage to their crop.

Farm real estate prices slow down

UNIVERSITY PARK — Real estate prices for Pennsylvania farm land increased at less than half the average rate of inflation last year, according to Frederick A. Hughes, Extension farm management specialist at Penn State.

On the average it cost $73 more to buy an acre of Pennsylvania farm land this year than did in 1980. This represents a 5 percent increase, compared to an 11 percent inflation rate.

Last year's 5 percent looks good when compared to the 308 percent increase from 1970-80 — an average of 30.8 percent per year.

The average value per acre for Pennsylvania farm land in February was $1443 compared to $1370 last year. Nationwide the average increase in value per acre was only 9.3 percent, the smallest increase in three years and the second smallest in 10 years.

Hughes says several factors have contributed to the slowdown in land price increases including lower net farm income, higher interest rates, and tight money.

Net farm income fell from $31 billion in 1979 to $22 billion in 1980. At the same time interest rates hit record highs in 1980 as the prime rate climbed to 20 percent in April, dropped to 11 percent in July and then jumped to 21.5 percent in December. These high interest rates and tight money have made it difficult to borrow money for mortgages.

Hughes says much farm land is already overpriced in terms of the income that can be generated to meet the interest payments on a mortgage. Higher interest rates make the problem more acute. Moreover, if farms for sale need major renovations to buildings, it is difficult for a buyer to obtain additional capital and generate adequate income to meet payments.

This situation makes it extremely difficult for young farmers buying their first farm.

Tips to improve mowing manners

MEDIA — What piece of yard equipment causes loss of fingers and toes, and puncture injuries from flying objects? The lawn mower! It helps most in keeping your property beautiful but it also causes 75,000 accidents each year in the United States.

Here are some suggestions to prevent accidents offered by James J. McKeehen, Delaware County Agricultural Agent;

1. Keep your mower clean and in good running condition.

2. Pick up toys, stones, sticks, wire and bones before you start mowing.

3. Keep people and pets away from an operating mower.

4. Mow across embankments, never up or down.

5. Never leave the engine running while mower is unattended.

6. When starting the engine, stand away from the mower; make sure your feet cannot contact the whirling blade.

7. Run only fast enough to obtain a good, clean cut. Extremely high blade speeds are dangerous and cause excess mower wear.

8. If the mower travel is powered, adjust its speed to your speed. Never let the mower pull you.

9. Store and handle gas safely. Do not fill tank while engine is hot.

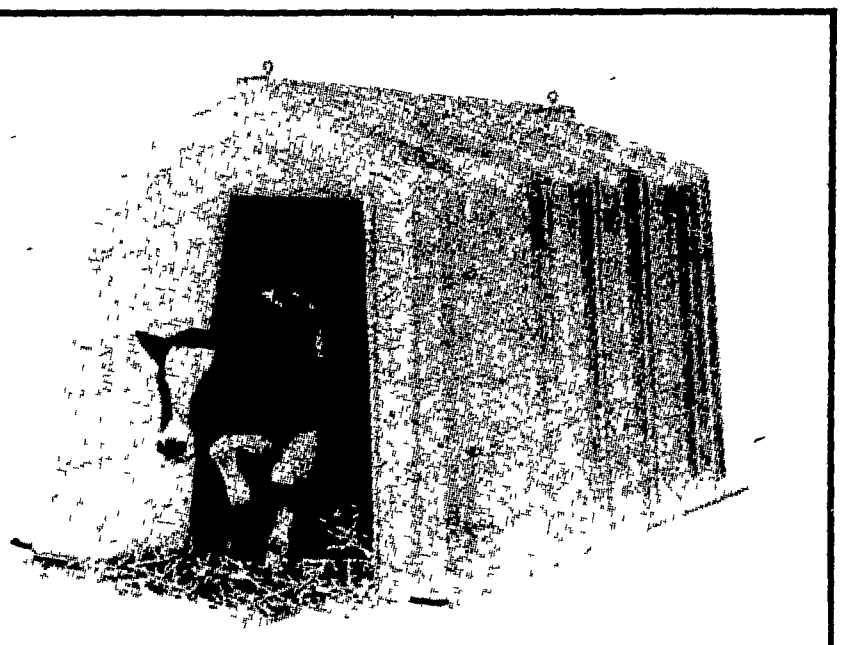
10. If the mower becomes clogged, stop engine and disconneet spark plug wire before unclogging the blade.

11. Do not operate electric mowers on wet ground. You will be in dange if the cord is cut or if the mower has a short circuit.

12. Always turn off an electric mower and disconnect the cord when you leave it.

13. Riding mowers present the same problems as push type mowers. Follow the same rules for both types and do not allow extra riders.

Using a power mower is not a job for children. Only a person familiar with the mower should operate it. Don't be an accident waiting to happen.



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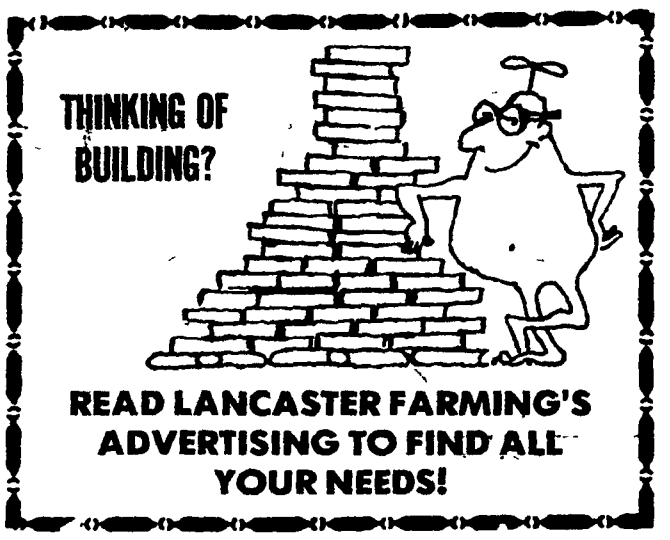

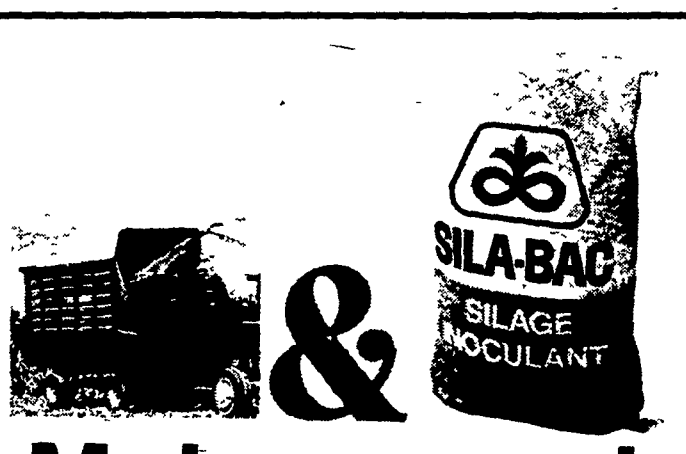

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Philly dairy requests reduction in Class 1 receipts

ALEXANDRIA, Va. — The U.S. Department of Agriculture recently received a request from Michael Dairies, Inc., Philadelphia, for a public hearing to consider proposed amendments to the order regulating the handling of milk in the Middle Atlantic Marketing Area, Federal Order No. 4.

The proposed amendments would:

- include all types of pool plants under the pooling provision which provides that a supply plant meeting pooling performance requirements during the period September through February may be automatically qualified in the following months of March through August;
- reduce from 40 percent to 30 percent the percentage of receipts required to be disposed of as Class I milk by a pool distributing plant;
- increase from 18 to 21 the number of a dairy farmer's days of production which may be diverted to nonpool plants during any month of September through February.

According to the Federal Milk Market Administrator, the proposals have not yet been approved for inclusion in a notice of hearing. Before deciding whether a hearing should be held, USDA is providing interested parties an opportunity to submit additional proposals.

When submitting proposals, USDA stresses they should be stated in specific terms so that hearing issues are clearly set forth. Four copies of proposals should be mailed to: Deputy Administrator, Marketing Program Operations, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, D.C. 20250. Deadline for submissions is June 26, 1981.

Each proposal should be accompanied by a brief but comprehensive statement on the need for the proposal, USDA notes. The statement will be used in deciding whether the proposal should be considered at a hearing.

A hearing would be limited to the proposals included in a hearing notice. However, appropriate modifications of proposals included in the notice also many be considered at the hearing if the modifications would not enlarge the marketing area or regulate persons not now subject to the order.

Any proposals that would extend regulations should be accompanied by the names and addresses of persons who advocates believe would be affected by the proposed extension and an estimate of the number of additional dairy farmers involved.

In addition, proposals that would enlarge the marketing area should be accompanied by the following data and views with respect to each territory proposed to be added:

- the approximate quantity of fluid milk products sold by advocate in each territory (county, town, city, or other locality) proposed to be added to the marketing area;
- the approximate percentage that above sales are of the advocate's total fluid milk product sales;
- the names and addresses of all handlers (including own) selling fluid milk products in each territory proposed to be added to the marketing area, with an estimate of the proportion that each handler's sales are of the total sales in each proposed area;
- the approximate number of dairy farmers associated with each area proposed to be added who would become producers if the marketing area were enlarged'
- the name and address of each cooperative association having members associated with the territory proposed to be added to the marketing area; and
- a brief but comprehensive statement in support of the proposal(s) to enlarge the marketing area.

Beginning January 1, 1981, actions under the Federal milk order program became subject to the "Regulatory Flexibility Act" (P.L. 96-354). This act seeks to ensure that, within the statutory authority of a program, the regulatroy and informational requirements are tailored to the size and nature of small businesses.

For the purpose of the Federal order program, a small business will be considered as one which is independently owned and operated and which is not dominant in it field of operation. Most parties subject to a milk order are considered as a small business. Accordingly, interested parties are invited to submit hearing proposals that would carry out the intent of this act.

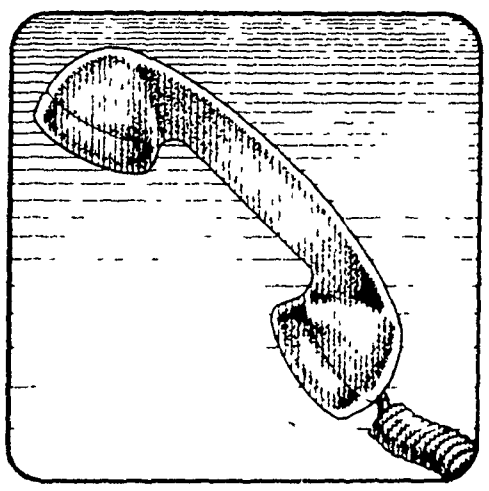
If the USDA concludes a hearing should be held, all known interested parties will be mailed a copy of the hearing notice. Anyone who desires to present evidence on proposals set forth in the hearing notice will have an opportunity to do so at the hearing.

Idste Memorial Fund donates to Br. Swiss Shrine

BELOIT, Wisc. — The Dairy Shrine Permanent Home Fund has received a $1000 donation from the Fred S. Idste Memorial Fund.

The Board of Directors' of the National Brown Swiss Cattle Breeders' Association approved the action at a recent board meeting. Mrs. Fred Idste also approved the donation.

Fred Idste served as secretary-treasurer of the National Brown Swiss Association from 1942-1963. He was a charter member of the Dairy Shrine Club and chaired its organizational meeting. Idste initiated the idea of a permanent home for the Dairy Shrine.



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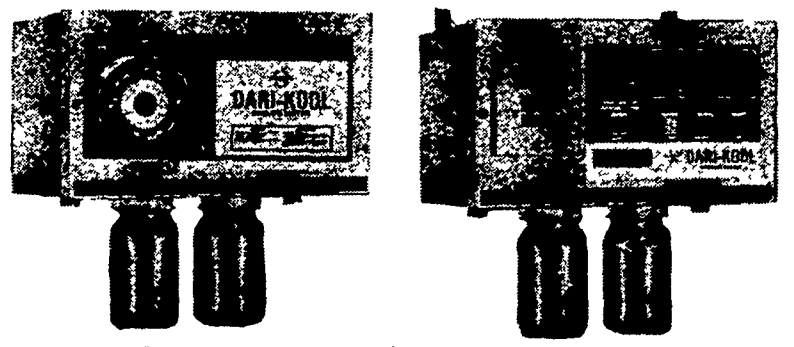

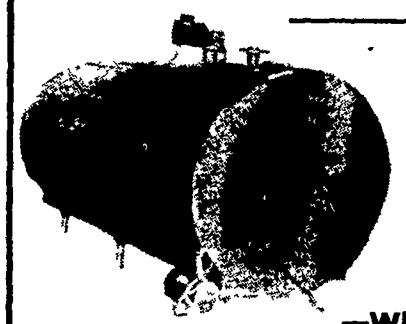

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Peanut prices stay high despite imports

DENVER, Colo. — It looks like another bad year for peanut butter lovers. Continued drought and high priced seed, a carry-over from last year's peanut shortage, are the reasons why some peanut farmers have switched to other crops this year.

Ross Wilson of the Southwest Peanut Growers' Association said that the acreage in Texas planted in peanuts in down 20 from last year. "We're expected a drought," he explained.

Long range forecasts by the US Weather Bureau predict a hot, dry summer across the South and Southeast similar to last year, when half of the peanut crop was destroyed by heat and lack of water.

President Reagan recently increased the import quota for peanuts from 200 million to 300 million lbs. to relieve the current shortage caused by last year's drought. But a USDA spokesman said the price of the imported peanuts is so high that while the current shortage may be alleviated by the imports, the price of peanuts, peanut butter and candy will not return to its low level of a year ago.

"The situation is so tight that the US processors have been outbidding the European market on peanuts...about half of which are from China," said the government spokesman. "I'm sure the makers of peanut butter are not fixing to pay US growers the high prices they paid on the world market. But if there is another drought, the farmer will have to make it up in higher prices."

Sydney Beck, an Alabama farm wife who lobbies for peanut farmers, thinks the imports are part of the reason contracts between farmers and shellers for this year's crop are not being hotly traded.

"The buyers got into trouble last year," said Beck. "Because of the shortage, they were not able to provide the quantities they had promised. They're sitting on a pile of imports now and they're not talking much." Beck says she believes farmers will get a slightly lower price for their peanuts than they would have without the increase in imports.

Peanut farmers are most concerned about allotments, according to Beck. The Reagan administration wants to remove the allotted restrictions on peanut acreage so that an unlimited quantity of peanuts could be planted nationwide. Farmers fear that increasing the quantity of peanuts grown will lower the price and hence the quality of their crop.

"What has sold the American peanut is its quality," said Beck.

Peanuts are an expensive crop to grow, costing the farmer $300-400 an acre. The main costs are chemicals, including fertilizer, pesticide and herbicide to kill weeds.

"If you know you're not going to get as much money, you're going to cut back on chemicals," said Beck. Cuts in fertilizer in particular, will affect the quality, she belives, as would reductions in pesticide use since peanuts are very prone to damage by worms and nematodes.

The proposed removal of peanut allotments is part of 1981 Omnibus Farm Bill, which is still being deliberated in Congress.

Jugging operations decline

UNIVERSITY PARK — Pennsylvania is second only to California in volume of milk sold by farmers directly to consumers. Despite the high visibility of milk juggers in Pennsylvania, direct sales to consumers represent only about 4 percent of total production. Such sales, however, can be an important factor in local market situations and often hold a sizable share of the market, according to W.F. Johnstone, Penn State Ag Economist.

Limited data indicate that the number of jugging operators peaked in 1976 or 1977, with about 280 firms licensed for pasteurized milk sales during that time. It is also estimated that by 1980 this number had declined to 250. A high proportion of the decline occurred in western Pennsylvania.

The decrease in jug sales could be traced to several factors:

- Relatively smaller margins existed between retail prices and prices available to producers, resulting from more conservative pricing of Class I milk by the state milk control agency;
- Many juggers purchased used dairy plant equipment from small milk plants which closed during the period of high attrition of small volume dairy plants. As the equipment becomes obsolete some juggers choose not to replace it and cease business operations; and
- Possibly there was some reduction in customer numbers because of higher gasoline prices.

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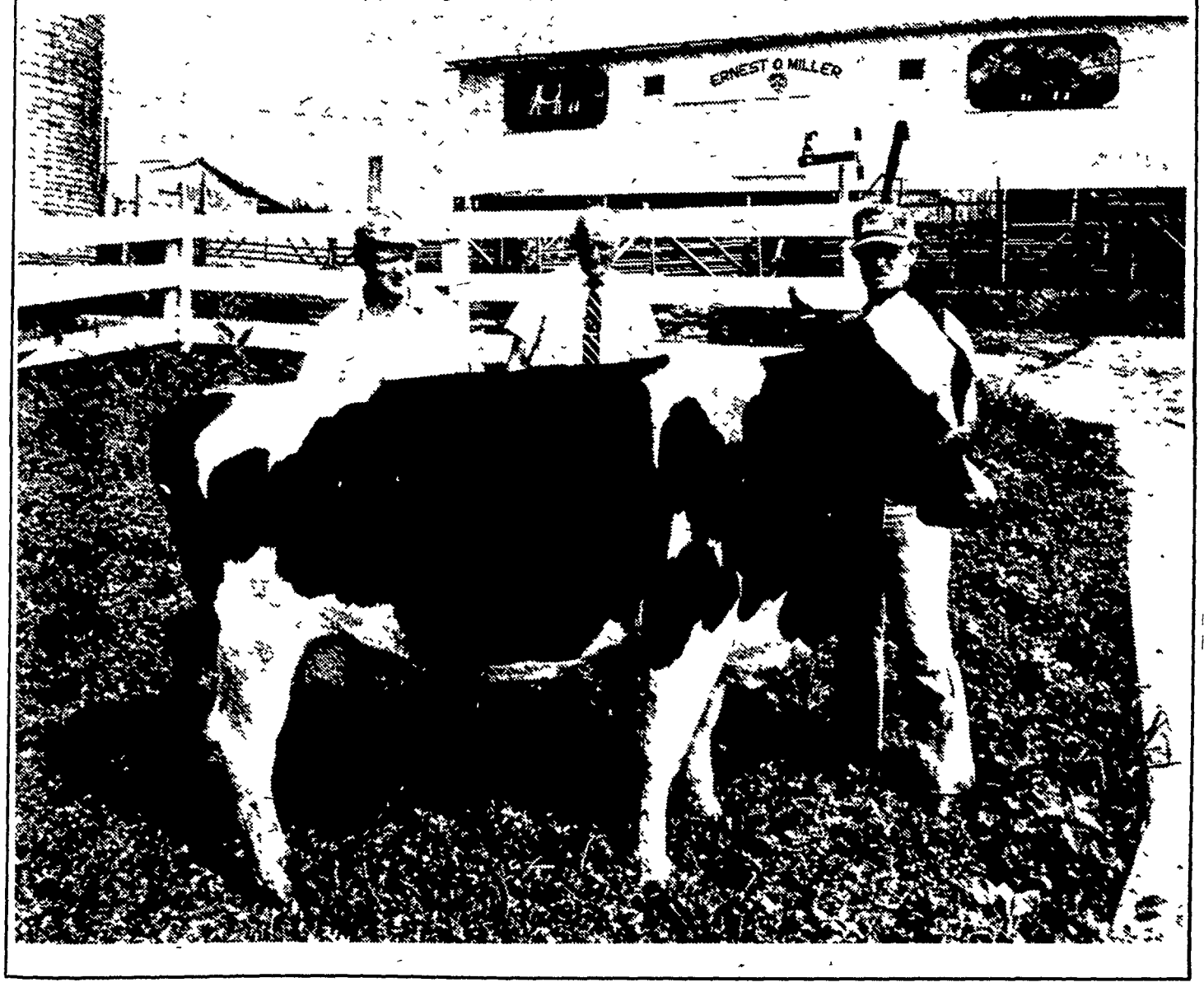

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Eastern manager reports on growth

SYRACUSE, N.Y. — Growth through use of a positive approach permeated the General Manager of Eastern Milk Producers' Annual Report by Michael H. Donovan during the cooperative's Annual Meeting this week.

Donovan stated that the cooperative, one of the East's largest, has successfully weathered some severe storms and is in the process of building membership and financial strength, even in the face of marketing problems caused by an over-supply of milk and rising costs.

First priority for Eastern's new General Manager, who took over the cooperative's top management position this past February, was to reverse Eastern's declining membership.

"We have taken positive steps in this direction," he noted, "by establishing clear cut goals which have resulted in our securing 62 new contracts in March, 71 in April, 81 in May, and an overall total of 237 new members joining the Eastern family since mid-February."

Another critical area was finance. Donovan stressed that the financial position of Eastern Milk Producers improved substantially during the past twelve months with the cooperative's net worth being increased by $860,000 to a total net worth in excess of $2.7 million.

Substantial reductions in actual bad debt write-offs during this past year compared to those of the previous year, and the constant monthly reduction in the average daily balance associated with Eastern's $8 million line of credit has allowed the co-op to substantially reduce the monthly interest expense it currently bears, according to Donovan.

Due to Eastern's growing financial strength, Donovan stated that he did not anticipate any need for a membership assessment in 1981.

Another promising area is the growth of Eastern's dairy products sales program which has improved and strengthened this valuable distribution service to both the cooperative's membership and that of the Pennsylvania Grange, observed Donovan.

He also commented on the upcoming installation of a new computer system in Eastern's Syracuse office which is designed to considerably improve the ability to effectively control and manage Eastern's operations.

The co-op leader promised a balance budget for fiscal year 1981-1982, and set a goal to eliminate all excess marketing costs within the next eighteen to twenty months.

He pointed out that the expansion of Eastern's Grover, Pa., manufacturing facility and approval by the U.S. Department of Agriculture to produce both government grade power and butter there has resulted in substantial savings in marketing costs to the cooperative's membership this spring.

In conclusion, Donovan acknolwedged that in order for Eastern to grow and prosper in the future, its members must receive services and marketing representation commensurate with their contributions. He indicated that he fully intended to see that this was accomplished.

Block announces shift in U.S. trade policy

PARIS, France — U.S. Agriculture Secretary John R. Block said in Europe the United States will no longer tolerate protectionist trade policies by other exporting nations. He also said the United States does not expect to continue shouldering the responsibility of maintaining a reserve for the world.

Speaking before the World Food Council in Yugoslavia, Block emphasized the need for developed and developing countries to begin creating their own food reserves. He said the United States has taken the lead on a reserve policy, but it cannot continue to carry the burden alone.

In Brussels and London, Block warned of U.S. determination to resist Common Market trade policies that he considered unfair, illegal or contrary to earlier agreements. He specifically mentioned the European Community's export subsidies on wheat and other products, plus the Community's effort to tax vegetable oils or restrict imports of non-grain feed ingredients (corn gluten).

"My message to these nations was firm, but not unreasonable," Block said after arriving in Paris. "It was a signal to the world that under this administration, the United States is shifting toward greater reliance on the market and on individual responsibility among nations."

While in Brussels, Block received assurance that the European Community would honor the U.S. right to suply 10,000 tons of high quality beef duty-free to that market. U.S. officials had been concerned that the Community might not honor this right.

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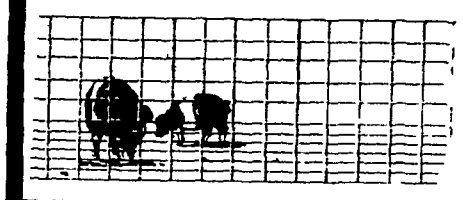

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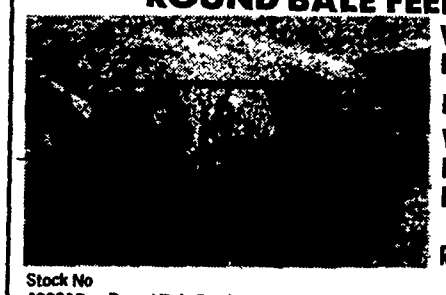

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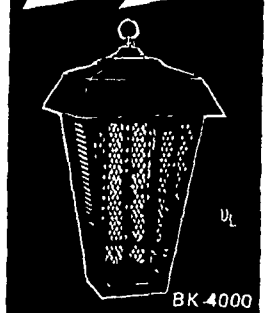

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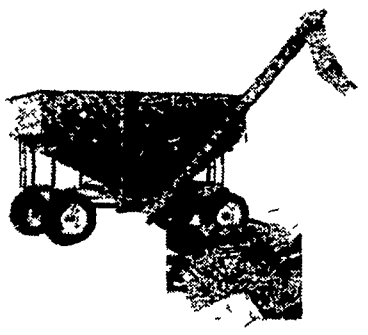

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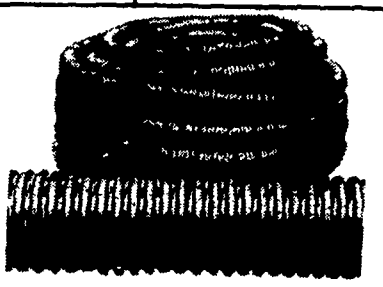

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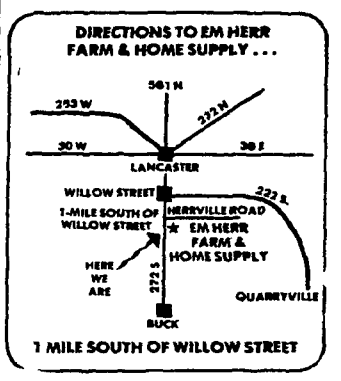

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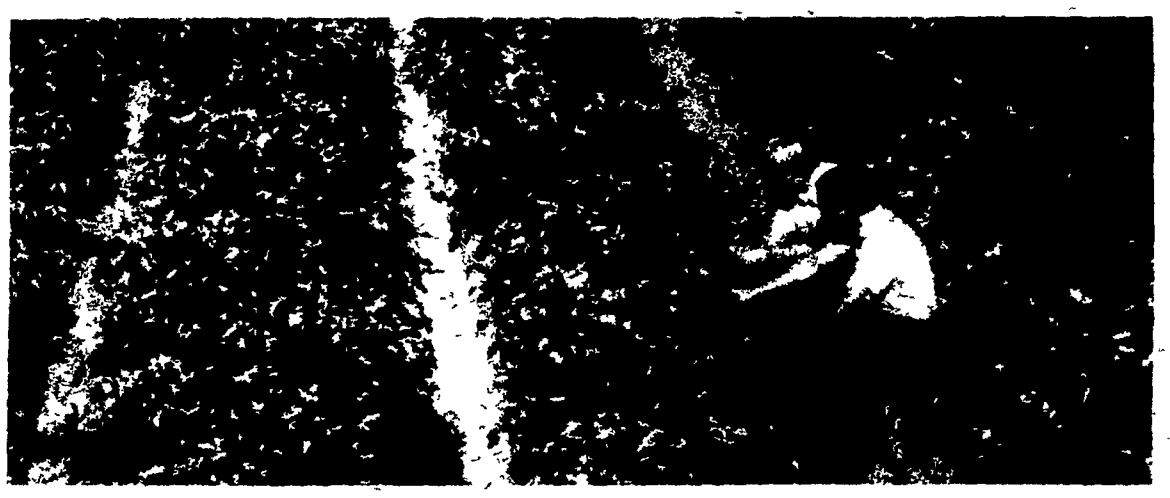

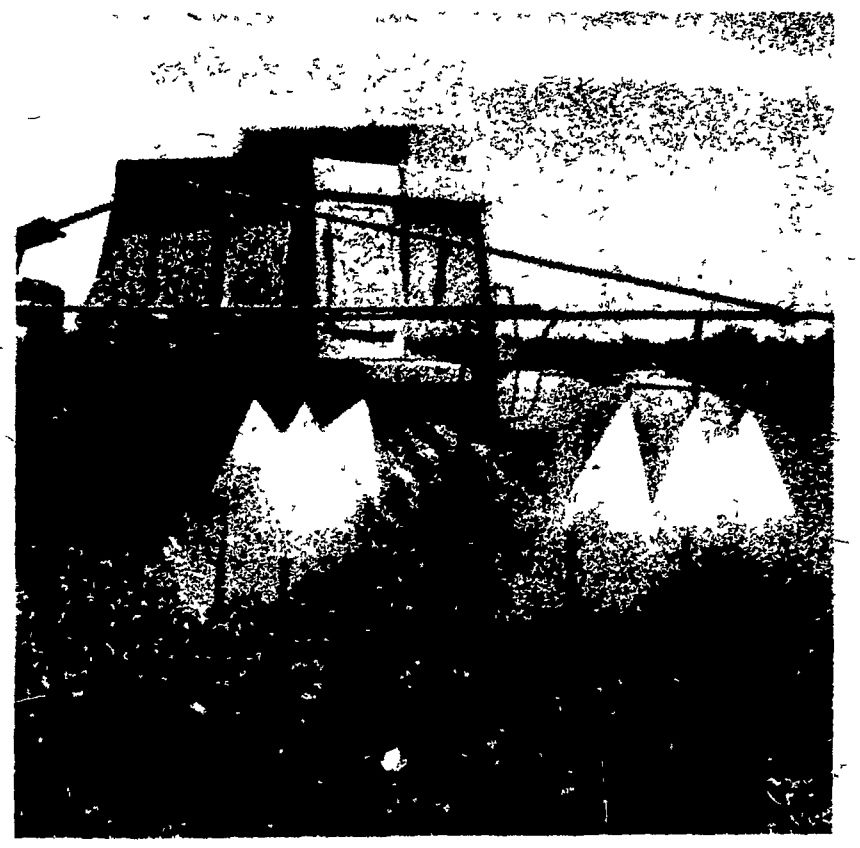

Chester farmers' Assn. hears update from regional directors

WEST CHESTER — "Farmers should read the fine print before signing away the mineral rights to their property," Ed Taczanowsky, Region I field director, told directors of the Chester County Farmers' Association at thier monthly meeting, Wednesday evening at Highland Orchards.

"With higher energy prices," Taczanowsky said, "oil and gas exploration is expanding into the eastern part of Pennsylvania. Farmers should be aware than many printed leases leave no choices to the farmer as to when and where drilling would be done. Access roads may cut across planted fields. Reestablishment of pastures, meadows and crops may be minimal."

Taczanowsky recommended that the Farmers' Association establish an energy committee in the county to work with farmers before they sign leases.

"Farmers in other counties are grouping together to obtain higher lease fees and preferred treatment. Chester County Farmers' Association should take the lead in alerting not only Association members but other farmers as well, as to the many possibilities." Taczanowksy concluded.

Directors also heard from Portia Breckbill, Oxford, chairman of the Women's Committee; Art Hershey, Cochranville, Region I state director; Barclay Hoopes, Landenberg, vice-chairman of the Agricultural Development Council; Richard Prether, PFA information director from Camp Hill and reaffirmed their opposition to block voting on marketing referendums.

During other business Portia Breckbill announced that the Women's Committee is planning a pig roast for the annual picnic for association members and friends, July 26 at Hibernia Park. Reservations will be limited to 150 and can be made by contacting directors.

"Farmers' Association members have two responsibities," Richard Prether told the directors.

"You must keep farmers informed as to what is going on in farming as well as what is happening outside that will affect farmers and reach out to the consumer with information. This would include the contributions that farmers make in the market place as well as asking for assistance in correcting or removing the road blocks that are put in the way of food production," he added.

Prether said that more than 900,000 jobs in Pennsylvania depend on the farmer. Farmers buy more rubber, more steel and use more electricity than anyone else in producing food and fiber.

Prether gave a run down on a proposed program for carrying the farmer's message to the consumer. He suggested that farmers become speakers, available for civic groups.

"Much more could be done with more time and money," he said, "but this will be a start."

Order 4 base milk price $13.91 for May

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine announced Wednesday a May, 1981 base milk price of $13.91 per hundredweight and an excess milk price of $12.38. The weighted average May price was $13.83 and the butterfat differential for the month was 16.9 cents.

The base milk price declined eleven cents from April, while the weighted average price was down ten cents. The advertising withholding rate, which is deducted from the base and excess milk price and not the weighted average price, was 13 cents a hundredweight and the amount withheld totaled nearly $700 thousand.

The gross value of producer milk during May was $74.3 million, compared to $64.4 million a year ago.

Shine said producer receipts totaled a record 538.3 million pounds during May, but increased only slightly from April (0.03 percent) on a daily basis. Milk production this May was up almost 40 million pounds or 8.0 percent from a year ago.

Class I producer milk totaled 237.4 million pounds, accounting for 44.11 percent of total receipts. This was a new low Class I utilization percentage and well below the 48.66 Class I percent last May. Base milk accounted for 86.23 percent of total monthly production. There were 7,476 producers supplying pool handlers during the month, an increase of 161 from a year earlier.

The average daily delivery per producer was 2,323 pounds in May, a drop of one pound from April, but 125 pounds above last year. This is the first time since the present order has been in effect that the average daily delivery per producer has declined from April to May. The average butterfat test of producer milk was 3.62 percent compared to 3.70 in April and 3.60 last May.

Middle Atlantic order pool handlers reported Class I in-area milk disposition of 205.0 million pounds during May, a drop of 0.4 percent from a year earlier after adjustment to eliminate variation due to calendar composition.

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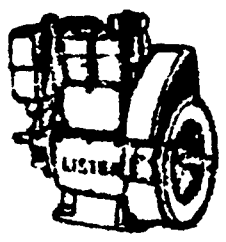

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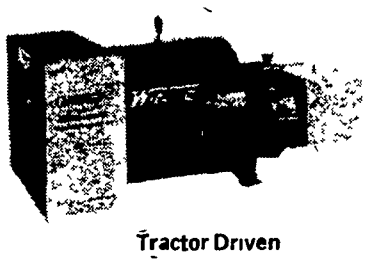

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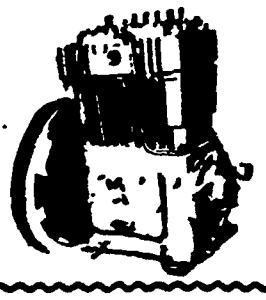

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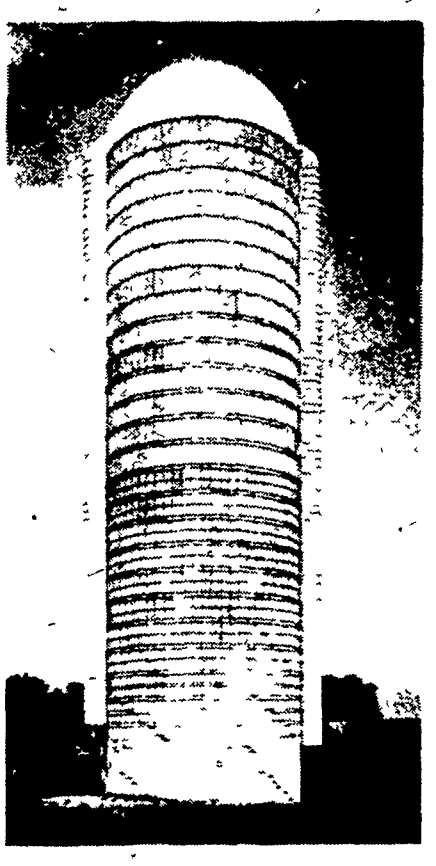

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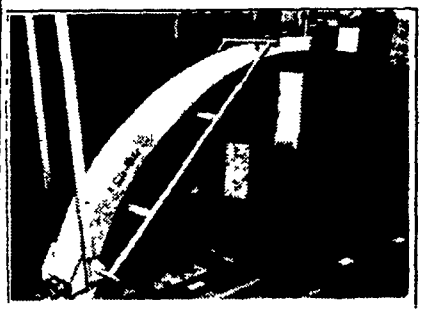

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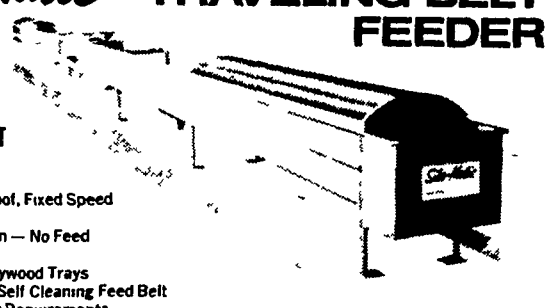

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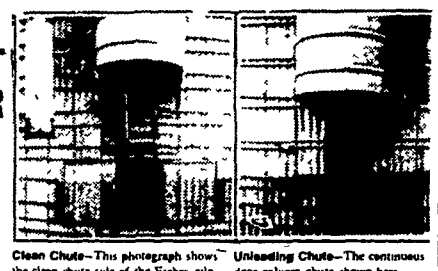

Clean Chute—This photograph shows the clean chute side of the Fickes silo. This system provides clean entry to the silo at all times. Doors are "refrigerator fit" Fickes Swingback hinged doors.

Unloading Chute—The continuous door column chute shown here with continuous door covers in closed position for loading silo.

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Pa. FFA Week opens Tuesday

UNIVERSITY PARK — A total of 1,700 blue-jacketed Future Farmers of America, including a large contingent from the southeastern part of the state, will gather on the Penn State campus next week for the annual Pennsylvania FFA Activities Week.

The Activities Week program opens on Tuesday and continues through Thursday.

Highlight of the program will be the 24 state FFA contests in which regional winners will demonstrate agricultural skills and abilities and compete for awards, including expense-paid trips to national competition.

Contest winners will be announced at the final general session on Thursday at 9 a.m. in Eisenhower Auditorium. The final session also includes the announcement of new state officers.

Completing their terms at the daily business meetings and general sessions of the Pennsylvania Association of FFA is the current slate of officers, including Larry Shrawder, state FFA president, of Kempton; and Judy Zimmerman, secretary, of Ephrata.

The State FFA Band, directed by Ned C. Diehl, of Penn State, and the State FFA Chorus, directed by Jack Shaffer, of Central High School, Martinsburg, will present concerts at general sessions each day.

FFA members also will be involved in a vareity of educational demonstrations, including a horse-breaking workshop and a trout-fishing demonstration. Special tours will feature visits to modern beef farms and a solar greenhouse operation.

FFA members will have an opportunity to discuss agricultural careers and college programs with personnel from the College of Agriculture.

The annual event is sponsored jointly by the Department of Agricultural Education in the College of Agriculture and the Pennsylvania Department of Education. Co-chairmen are Edgar P. Yoder, of the Department of Agricultural Education, and Charles F. Lebo, of the State Department of Education.

The awards will be presented on Thursday by Lebo, adult treasurer of the Pennsylvania FFA, and James C. Fink, State FFA Advisor.

Windy Acres to host field day

BRUCETON MILLS, W.V. — The Eastern Limousin Breeders Association will hold their annual field day Saturday, June 27 at Windy Acres Limousin Farm, Bruceton Mills, WV. Windy Acres Limousin Farm is owned by Ron and Norma Slagle and is located off I-48 between Morgantown, WV and Grantsville, MD.

The field day will begin at 9 a.m. with a social hour for sign-up, coffee and donuts. A Junior show will begin at 10 a.m. The Junior Association will be running a preview steer show and junior heifer show.

Following the noon meal, there will be a short session which will include a guest speaker, Robert Daily, beef specialist from West Virginia University.

There will be both fullblood and percentage Limousin cattle on display. Anyone wishing to bring cattle to display or show must have proper health papers.

If you plan to bring cattle, need accommodations overnight, or additional information contact Ron Slagle, Rt. 3, Box 186, Bruceton Mills, WV 26525 phone 304/379-6821. Or contact Jim Fawley, sec.-trea., Eastern Limousin Breeders Association, 3540 Anderson Road, Lynchburg, OH 45142 phone 513/364-2077.

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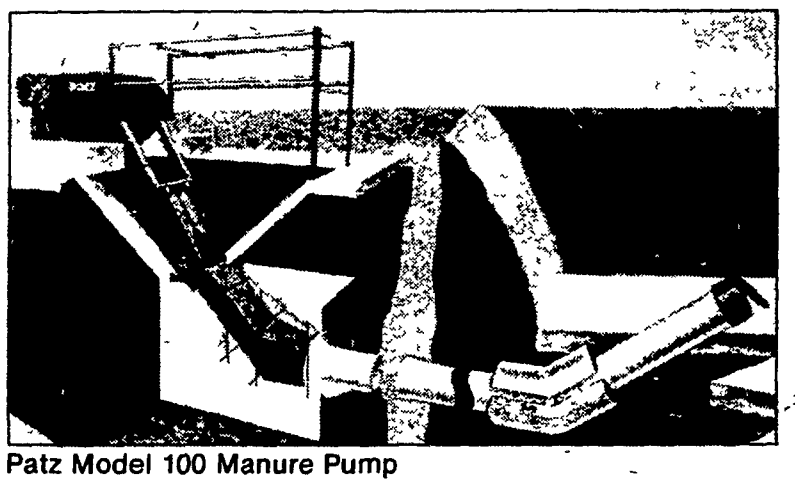
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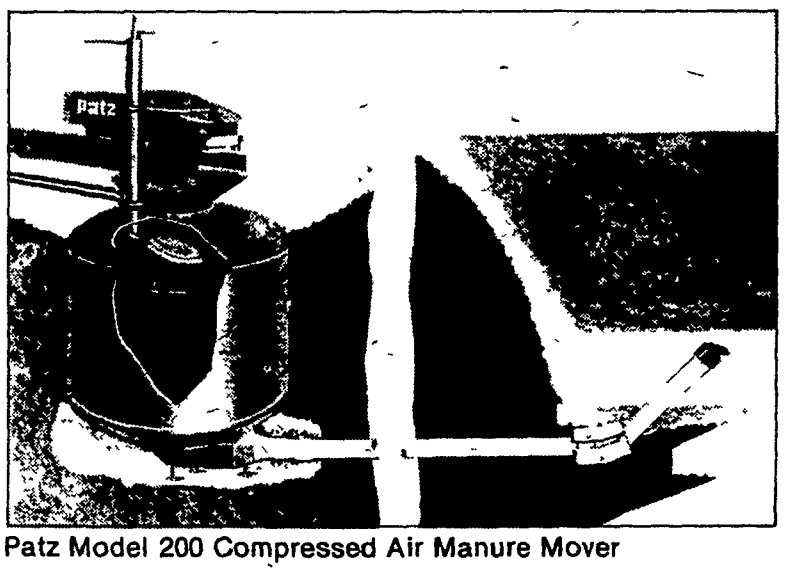

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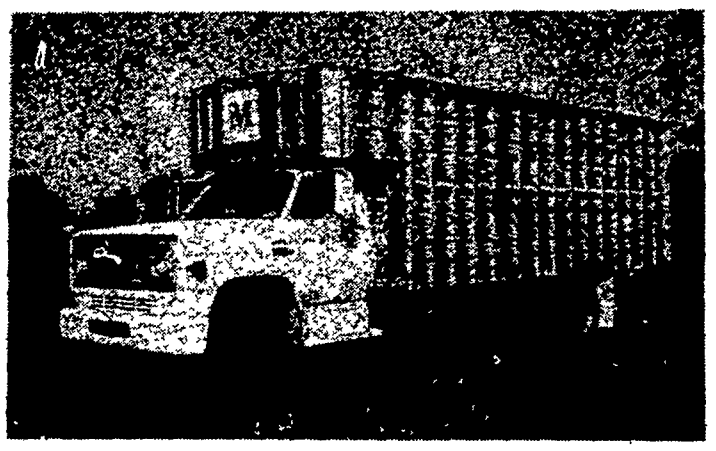
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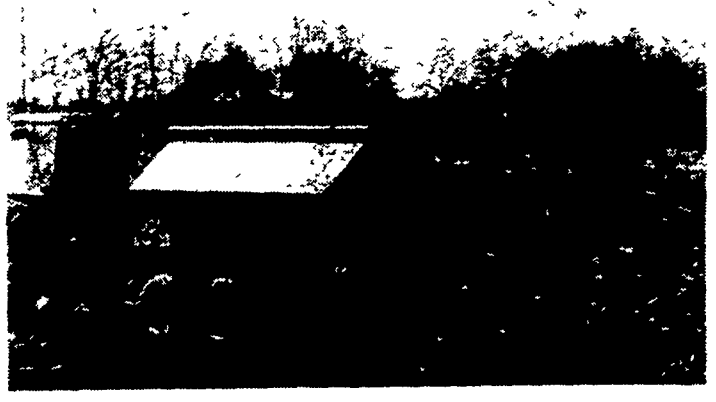

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Rural power co-ops fighting fiscal cuts

BY DICK ANGLESTEIN

HARRISBURG — Rural electric cooperatives – not only in Pennsylvania but throughout the nation – are pulling out all of the stops in a fiscal fight with the Reagan Administration.

Terming the situation a battle for survival for the co-ops and the more than 25 million farm and other rural residents who receive their power through them, officials of the Rural Electric Cooperative Association say that the administration fiscal proposals could as much as double electric rates.

The Pennsylvania Rural Electric Association held a press briefing in Harrisburg this week on the fiscal controversy which centers on the way in which the electric co-ops borrow money for construction projects.

In essence, the administration wants to get the Federal Government out of the business of securing loans for rural electric projects, sending the co-ops into the open money market for the loans, which would carry higher interest rates.

The Federal Government says the proposed change would save considerable money as part of its economic recovery program. The rural electric cooperatives counter that the proposals would be inflationary and not reduce the federal budget and only put an extra financial burden on rural residents.

In Pennsylvania, where some 160,000 rural consumers are served by 14 co-ops largely in the northwestern part of the state, across the northern tier of counties and from the central part of the state down into the southcentral region, the administration's proposals would have the following effects, according to William F. Matson, general manager of the Pennsylvania Rural Electric Association:

–Electric rates of co-op members could be increased as much as six cents per kilowatt hour, which would more than double bills. (The administration maintains higher costs to co-ops might increase rates one to two cents per kilowatt hour.)

–Over the next 10 years, higher interest costs for construction projects planned in Pennsylvania by the co-ops would total more than $659 million.

–These higher interest costs would amount to some $4,174 added to the electric bill of co-op members over the next decade.

In the battle with the administration over the proposals, the National Rural Electric Cooperative Association and its state counterparts, such as the Pennsylvania Rural Electric Association, are engaged in a large-scale communication program with members, who in turn are urged to contact their senators and congressmen.

A variety of pamphlets and articles in newsletters and magazines, including pre-printed postcards to Senate and House members, have been prepared by the national and state associations.

Financing of cooperative rural electrification projects is accomplished through the Rural Electrification Administration under the U.S. Department of Agriculture.

This financing is essentially done in three different ways.

First, money for distribution systems comes out of a revolving fund. Co-ops are charged interest rates of two or five per cent for loans from this fund. The fund is replenished from the money repaid to the fund by borrowing co-ops.

Second, since only about 70 percent of the distribution project costs comes out of the revolving fund, co-ops must go out on the open money market for the remaining 30 percent.

Third, projects involving the construction of generating and transmission facilities are financed through a loan program guaranteed by the federal government. These loans are secured by co-ops through the Federal Financing Bank in the Treasury Department. Lower interest rates are secured for these loans than could be obtained by individual co-ops.

The Reagan Administration proposes to eliminate the two percent loans from the revolving fund, reduce the amount of five percent loans and do away with the role of the Federal Financing Bank in securing loans and subsitute privately originated loans.

The rural electric cooperatives maintain that since all of the present borrowing is fully financed by the co-ops the changes would not save taxpayers any money.

But administration budget officials contend that the changes would substantially reduce direct federal lending, along with interest subsidy costs.

The cooperatives and the government are at odds on other fiscal figures, too. The co-ops say that their members already pay higher rates for electricity; while the government states they pay lower rates.

The co-ops explain that a continuation of present financing is needed to continue to bring power to rural areas without imposing extra burdens on members. But the government replies that since these rural systems are now largely built, their costs should be fully borne by members.

USDA holds public meetings on economics and statistics

WASHINGTON, D.C. — The U.S. Department of Agriculture will hold public meetings here June 23 and 24 to discuss priorities and possible cuts or redirections in its economics and statistics programs for fiscal years 1982 and 1983 that may be imposed by budget limitations.

Assistant Secretary of Agriculture for Economics William Lesher said he wants recommendations from people who use statistics, research and analyses from USDA's Economics and Statistics Service concerning what areas could be reduced or eliminated based on the relative value of these programs to the public.

The meetings will be held in room 330, 500th 12th St., S.W., from 9 a.m. until 4 p.m. The June 23 meeting will cover the agency's statistical programs and the June 24 meeting will cover its economic analysis and research work.

"The Economics and Statistics Service needs to systematically assess its priorities to maintain the quality of its work in light of rising costs and tighter funding constraints," Lesher said.

"We expect one of the tightest budget years we have ever had," he said. "Recommendations from the public meetings will be important in developing our plans for the next two years."

Meeting participants will each have 10 minutes to comment, or they may submit written responses, which will be accepted through July 3.

Those who want to attend either session, want more information about the current programs or want to submit written comments should contact: Kenneth R. Farrell, administrator, Economics and Statistics Service, USDA, Room 448-GHI Bldg., Washington, D.C., 20250. Phone: 202/447-8104.

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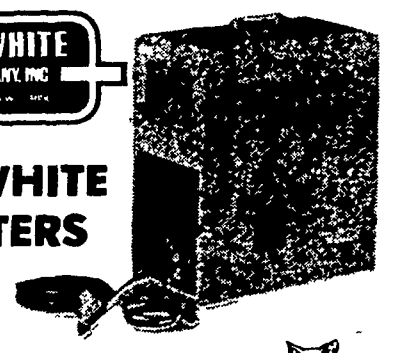

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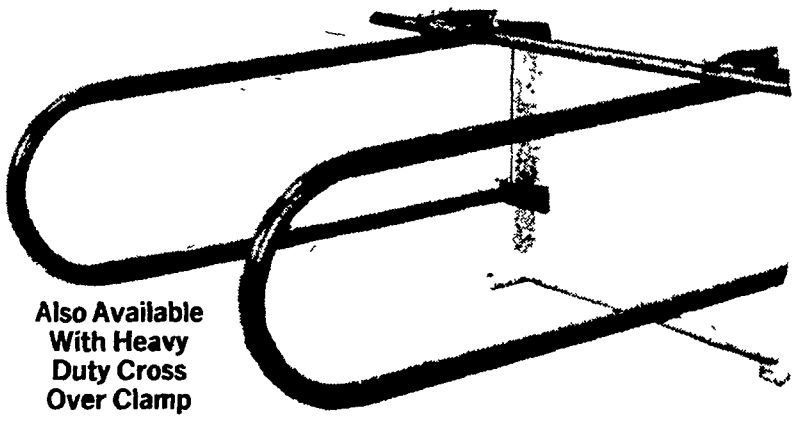

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Dairy Industry's publication explains milk orders

ROSEMONT, Ill. — Because of milk's nutritional importance to American citizens and its perishability and fluctuations in supply and demand, it has become the most regulated of farm commodities. To ensure an adequate supply of fresh milk, the government has three dairy programs: federal milk marketing orders, the minimum price support program, and import restrictions.

Despite depressions, wars, changing administrations and constant court challenges, the milk marketing orders have operated successfully for more than 40 years, reports the United Dairy Industry Assn.'s house publication. **From this Corner.**

Milk marketing agreements under the Agricultural Adjustment Act of 1933 evolved into the first marketing order in 1936 in the St. Louis market. A milk marketing order establishes minimum prices milk buyers must pay for milk purchased from dairy farmers. These prices have to be high enough that dairy farmers can afford to produce sufficient milk for the public. And an order also spells out terms and conditions for transactions so they're known in advance by both seller and buyer.

By 1962, the number of federal milk orders has risen to 83.

Today, because of consolidations, that number has declined to 47. During 1980, more than 117,500 dairy farmers delivered milk to handlers regulated under federal milk orders. These producers accounted for two-thirds of all the milk marketed in the United States. Currently, 83 percent of the nation's milk supply is fluid grade and about 44 percent of all milk sold is used in fluid products.

From This Corner notes that farmers produce more fluid grade milk than is consumed in fluid form because of fluctuations in supply and demand. The Grade A fluid milk in excess of what is needed for drinking and for "soft" products is channeled into production of butter and cheese that can be stored.

The publication also points out that all federal orders classify milk on the basis of its use. One classification includes milk used for fluid products; the other includes milk used for manufactured products. In all federal orders, milk used as fluid milk is Class I.

Many orders define milk used for perishable (soft) products such as cottage cheese, yogurt and sour cream as Class II. Cheese, butter and dry milk products go into Class III.

Federal orders also provide for pooling and payment of a uniform or blend price to dairy farmers. This blend price is determined by classifying all milk according to its use. Then the Class I, II or III prices are applied to the volume of milk in each class. The proceeds from all this milk are totaled and this money is the pool to be divided.

Each producer in that market area is paid a share of that pool. This share represents a weighted average of the class prices applied to the amount of milk each producers has contributed. This blend price is sometimes referred to as the farm price.

What about the handlers or milk buyers? Handlers have to pay more for milk used in Class I than for milk used in Class II or III. And the average price they pay also depends on how they use the milk. So handlers pay more than others, yet all handlers must pay the farmer the same amount. This variance is corrected by an equalization fund that redistributes money to handlers who owe less than they paid for milk.

How are milk prices paid to dairy farmers determined? Prices paid by milk companies to dairy farmers for milk to be bottled (Class I) increase as the distance increases from Minnesota and Wisconsin. These states are the nation's center of milk surplus relative to local demand. Milk can be shipped anywhere from Minnesota or Wisconsin by paying transportation costs. Therefore, Class I prices throughout most of the country tend to approximate Minnesota and Wisconsin Class I prices, plus transportation costs. There is no federal order in California where milk supplies are adequate for local bottling needs.

Under the federal milk order program, prices are established in the various markets by formula pricing. the basic formula price for a given month is the Minnesota-Wisconsin manufacturing milk price that reflects supply and demand conditions in the entire dairy industry. This price is for Grade B milk that hasn't been quality inspected for use in the bottle. Farmers are paid a higher price to produce Grade A milk (quality-inspected for use in the bottle) because of additional costs in producing it. The pricing formula provides for a two-month lag. So by watching the minimum Class I price and the Minnesota-Wisconsin price, the minimum Class I price in that specific order can be determined 60 days in advance.

Do milk marketing orders stabilize the milk market? **From This Corner** states "yes" emphatically.

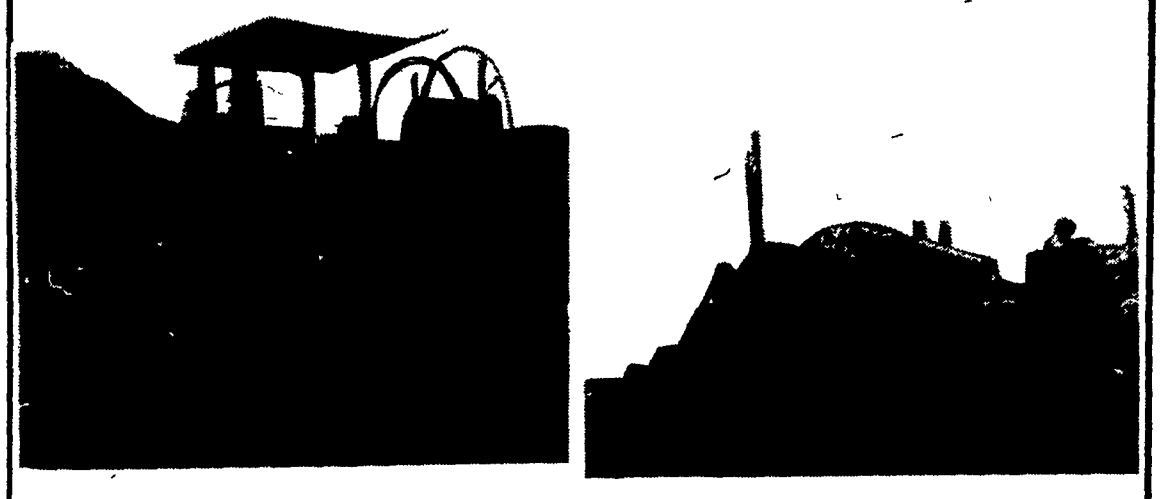
Prices established under federal orders are stable. They reflect supply-demand situations and changes in one order's prices would be made in the context of a system of prices of all 47 markets.

But federal orders do not control or determine the use of milk. Processors do that based on anticipated orders from their customers. And these orders do not set the prices consumers pay for milk and dairy products at retail outlets. Retail prices for dairy foods are subject to transportation and distribution costs plus the competitive situation in each market.

From This Corner emphasizes that marketing orders do not regulate producers. They came into being only with the support of producers and can be amended or changed only if the amended order is approved by producers. Additionally, the law requires the Secretary of Agriculture to terminate an order if more than one-half the producers involved request it.

Today and tomorrow the federal order program must continue to be flexible so that changes can easily be made to meet changing conditions in the marketplace.

DRAINAGE PROBLEMS?



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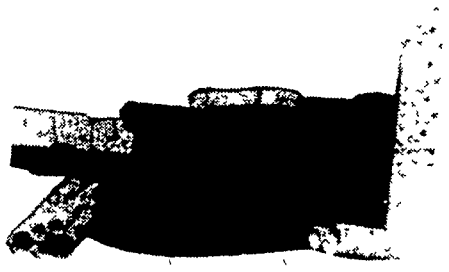

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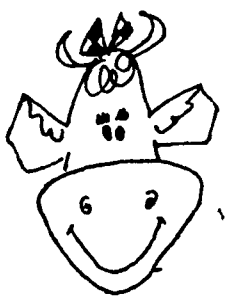

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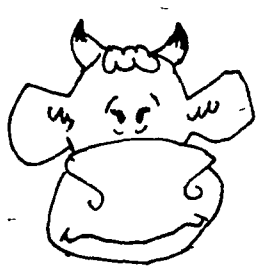

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Dairy advertising dollars, where do they go?

BY JOYCE BUPP
Staff Correspondent

TOWSON, Md. — The amount deducted from one dairyman's milkcheck, a one-percent figure per hundredweight, seems insignificant to the budgets of the advertising world.

But multiply a single producer contribution by 7,500, the number of farm families contributing to dairy advertising in the Middle-Atlantic Milk Marketing area, and the budget bottom line for promotion comes to some six million dollars.

"I don't think people are aware of the magnitude of this program," asserts Dick Norton, manager of the Mid-Atlantic Advertising and Promotion Agency. "Dairy products advertising is alive and well."

Norton heads a staff of four, headquartered in the Carroll Building on LaSalle Road in Towson. Other staffers are Carol Gray, director of communications, Joyce Graybill, dairy promotion director, and Cathy Preis, administrative assistant and bookkeeper.

The Middle-Atlantic agency is the regional funding office for the national American Dairy Association, the umbrella establishment that covers a variety of milk products promotion and nutrition research programs.

Established in 1945, the second region organized in the nation, Mid-Atlantic agency is the child of far-sighted dairymen of the post-war era who saw the need to promote their product. Mid-Atlantic funding comes primarily from dairymen in the Federal Order No. 4 area, but some funds are also contributed by checkoffs from Orders No. 2, the New York area, and Order No. 36, of western Pennsylvania. Bulk of the budget monies, about $5,400,000 is spent locally, aimed at the high population centers of Washington, Baltimore, Philadelphia, and the triangle of York-Lancaster-Harrisburg.

"It's a total marketing program, based on nutrition education. We go where the people are located," Norton explains. "We're also involved with both dairies and grocery centers, building markets for dairy products, and have about 85 percent market penetration in 3,000 area supermarkets."

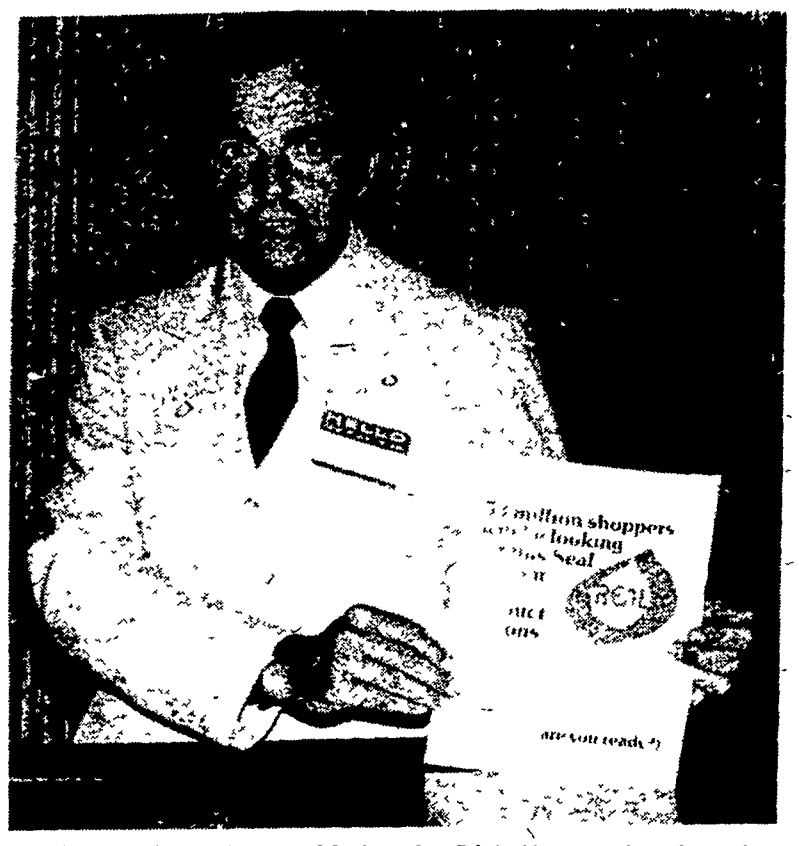
Imitations are the newest threat to the dairy product market, and Norton says about 50 million dollars are being spent advertising imitation products, an amount equal to the funds spent on dairy advertising.

"Almost everyone has a 'look alike' product, and some cheeses are making big inroads," Norton adds.

Dairymen's biggest gun in the imitations battle is the recently developed REAL seal, a trademark logo of the United Dairy Industry Association. The stylized milk-drop symbol is allowed to be used only on labeling of products having genuine dairy ingredients. REAL seal use implies quality, freshness and the high standards represented by the dairy industry's strict production and handling regulations.

Most of the Middle-Atlantic agency's current promotions are part of an all-out national campaign to educate shoppers to recognize the red-outlined milk drop symbol and the genuine dairy products it represents.

"We're beginning to get milk reinvolved in everyone's life style," is Norton's capable explanation of the newest trends in milk promotion. "We've lost breakfast, lunch and dinner to today's life styles; we've lost those family meal occasions where milk was traditionally served. So now we have to go where the game is played."



With a REAL job on his hands, Dick Norton, head of the Mid-Atlantic Milk Marketing Agency sees the identification of genuine products a real plus for both dairy farmers and quality-minded consumers.

And the game is played at places like the seashore, theme amusement parks and the growing number of fast-food establishments.

So, that's where the agency is looking with their innovative advertising. Catching consumers where they play has led Middle-Atlantic into a new type of advertising campaign, a team link-up with "promotion partners."

Foster Grant sunglasses is a summer partner, linked up in a special promotion to enjoy the vacation season with milk. And a special offer on "Soft Soft Drink" milk beach towels also makes use of the "Real" seals as redeemable coupons.

REAL seals can be used toward lowered gate prices at Kings' Dominion theme park, too, a program the agency is also hoping to use with Hersheypark.

Cooperative advertising has been successful beyond anticipation, for both partners, to the point where the Middle-Atlantic agency is now being approached by firms interested in tying into the sales standard represented by the "Real" seal campaign, Norton boasts.

Potential suitors in the REAL seal promotional matings are such nationally-known as Tastykake, Time-Life publications, and the McDonald's food chain.

Norton says McDonald's, for instance, is interested in eliminating their "junk food" image, a goal that fits perfectly with the REAL dairy products theme. Recent market testing with the chain, featuring the McDonald's "Happy Meal" which included milk, showed highly favorable results.

Although not the highest-budget item, one agency activity that touches both farmers and consumers personally is the Dairy Princess program.

Although agency staffers oversee some aspects of the dairy princess pageant and promotion events, hundreds of dairy farm volunteers plan and carry out the shopping mall, supermarket and school visits where consumer contacts are made.

Dairy farmer contributions also are directed at nutrition education and product research through other branches of the American Dairy Association.

Nutrition education is the foundation of all dairy promotional programs, aimed at teaching shoppers the nutritive benefits of milk and its products. National Dairy Council and its local affiliates administrate the educational activities, holding numerous school and industry seminars and workshops, publishing nutrition literature for school and public use, and making frequent contacts with media representatives.

Research is conducted mostly through the programs of DRINC, Dairy Research, Inc., where expanded uses for dairy products are being sought. Sterile milk is one of the research headliners, a product with prolonged shelf life at room temperatures made possible through flash high-temperature treatment. Dairy scientists are also close to breakthroughs on the freeze drying of both whey and milk, powdered products that would cut storage space needed and greatly lengthen storage time.

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R D 2, Dover, PA
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Loysville, PA
Paul Shovers, Inc
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Forshey s, Inc
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Mill Hall, PA
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R D 1
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Nazareth, PA
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291 West Moorestown Rd.
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New Holland, PA
A.B.C Groff, Inc.
110 South Railroad
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New Park, PA
M&R Equipment Inc
P O. Box 16
717 993-2511

Oley, PA
C J. Wonsidler Bros
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Rt. 29
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Pitman, PA
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Reedsville, PA
Big Valley Sales & Service, Inc
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Ringtown, PA
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Shippensburg, PA
R B Miller, Inc.
N Seneca St
717-532-4178

Silverdale, PA
I G. Sales
Box 149
215-257-5135

Tamaqua, PA
Charles S Snyder, Inc.
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West Chester, PA
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S G Lewis & Son, Inc.
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GO WITH THE WINNING TEAM TO HARVEST YOUR HAY CROP - SPERRY NEW HOLLAND

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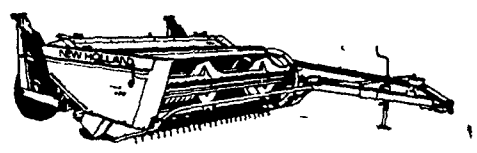
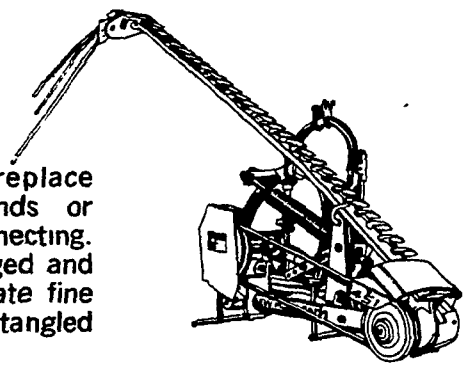
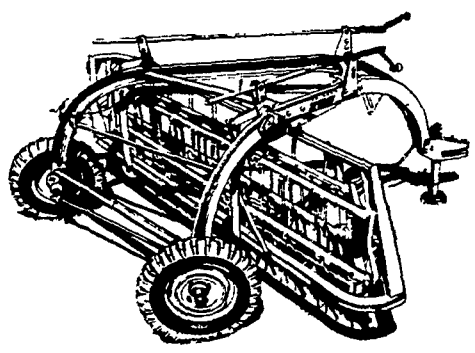
The Model 488 Haybine® Mower-Conditioner features:
Full-width, intermeshing chevron rubber rolls give uniform conditioning.
Adjustable reel picks up lodged crops.
Sicklebar moves 1,632 strokes per minute for fast, clean cutting.
Equal angle PTO.



The "451" mounts on most 3-point tractors faster than tractor brands - and without special hitches! Built-in adjustable skids replace hazardous jacks, stands or blocks when disconnecting. Double guards are forged and heat-treated to penetrate fine grasses and down tangled crops.



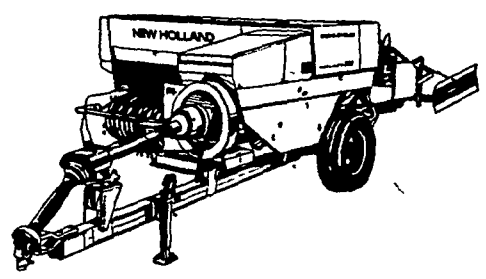


Sperry New Holland Rolabar® rakes have the features most wanted. That's why they're the best-selling rakes in North America. They're tough and reliable. Years from now you'll be glad you bought a Sperry New Holland rake. Stop in and we'll show you why.

Stop in and get a great deal on the Sperry New Holland Model 315 baler. This 14" x 18" baler is built extra rugged to handle tough crops. It's designed to work hard and give years of dependable service.

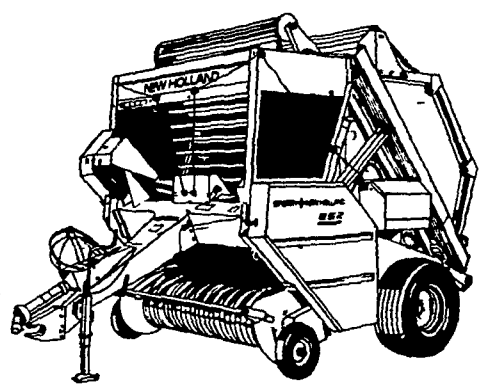
Now's the time to buy because we're moving our complete stock of hay tools.

Already have a new baler? Then stop in and see our Sperry New Holland automatic bale wagons and mower-conditioners. They're priced to sell, too!



BALING...

The Model 852 is the most automated round baler you can buy! There is no option list on the "852." Everything is standard equipment! Read what we mean: Auto-Wrap — when a bale is formed it is automatically tied. It means more bales per day. Bale counter - to keep track of your baling results. Continuous PTO - saves time and effort. No need to disengage the PTO for wrapping and ejecting operations. Bale kicker - ejects the bale far enough to the rear of the machine...no more backing-up to avoid losing part of the windrow. Super-Sweep pickup - picks up the short, fine hay ordinary pickups miss. Fast, reliable cores - no more false starts...a bale every time. Stop in and see the ultimate in round balers.

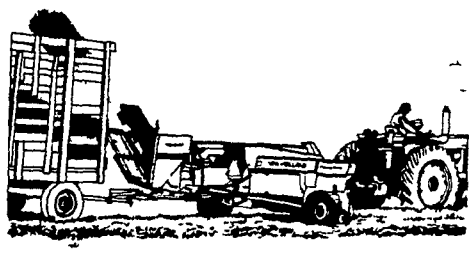


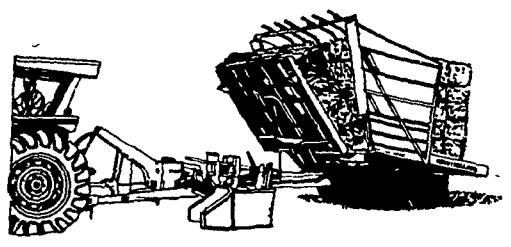
HANDLING...

The Model 70 bale thrower fits all three 14" x 18" balers in the Sperry New Holland line. It's easy to maintain and reliable in operation.

And...it swings up, out of the way for easy access to bale chamber, or to drop bales directly on the ground.

Like all Sperry New Holland machines, the "70" is backed by a service and parts system that's second to none.





The Model 1038 is the bale wagon that picks up, loads, hauls, stacks, retrieves and even single bale unloads into a mow conveyor or feed bunk. The "1038" handles both 14" x 18" and 16" x 18" bales...up to 4 tons per load. Come in and get more details about this remarkable machine.

The Model 90 bale handler picks up bales in the field and stacks them two high on a farm wagon. At the storage area, it retrieves the bales, stacks them three high and retrieves them from the stack for feeding. It's the ideal way for stacking bales under cover. Want a demonstration? Just ask.

←—STOP BY YOUR LOCAL SPERRY NEW HOLLAND DEALER

Holly Hill

(Continued from Page A1)

not to the capacity once quoted. While the plant can handle the 2 million pounds daily that it was designed to process, that peak capacity was intended only for periods of about two weeks maximum, not months at a time.

Holly's capacity is being stretched beyond the planned limits, with over 45 million pounds of milk run through monthly. But the planned-capacity figures overlooked the time needed to shut down processing every several hours for clean-up and maintenance, a crucial operation if all systems are to be kept in peak running order and efficiently, as well as meet stringent cleanliness requirements.

According to Strock, one bottleneck is in the compatability of two key systems: the evaporator, which removes water from the milk; and the dryer, which then powders the fluid by spraying it into a fine mist that drys inside a furnace-like enclosure.

Evaporator lines can handle milk faster than the dryer can process it into powder. But if the evaporation system is slowed to accommodate dryer limitations, milk deposits build up on the equipment.

"We must find a way to make those two systems more compatible," Strock observes. "Maybe we just need a better way of handling it. If we could operate full-blast at all times, and hold condensed ahead, possibly we could increase the capacity."

James Honan, Inter-State general manager, concurs on the maintenance problems that sometimes slow up the milk processing.

"The plant's now four and a half years old," Honan says. "We're running into routine replacement of equipment like motors and pumps. We are on target for modifications to the sewer system and should finish in July."

Holly has been plagued almost from its inception with problems in the sewage disposal facility. Modifications are being made on the treatment plant, but some of the necessary equipment to complete the system has not yet been delivered.

Monthly reports from the state's Department of Environmental Resources showed phosphorus was the only element not meeting regulatory limitations, an item limited only by DER, and not the federal guidelines of the Environmental Protection Agency.

"We're meeting the requirements easily," affirms Strock. "Modifications are continuing and the warmer weather is helpful."

While the facility can't begin to process all of the area's milk glut, it's also doing steady business as a reloading station for large tankers hauling the excess to available manufacturing plants, sometimes halfway across the country.

Ironically, Inter-State's president, Robert McSparran of Peach Bottom, says he recently attended a milk marketing conference that affirmed the Northeast is actually a dairy deficit area, unable to supply the volumes of dairy products consumed.

But the supply gap is in processed dairy products, like cheese and butter, not fluid milk, and there are simply not enough manufacturing plants in the Northeast turning out those particular products being bought by consumers.

The processing plants that do have the capacity to handle more milk are in states like Wisconsin and Iowa, and to get milk sent that far costs at least $3.50 per hundredweight.

So, while dairy products in this area continue to increase the poundage on their milk bank measuring slips, they're paying for it in skyrocketing hauling costs incurred in selling the product.

Both Inter-State and MCMP leveled assessments for April milk shipped over base.

Inter-State, with over 2,000 members, withheld $1.64 for each hundredweight of milk shipped over a producer's base. MCMP deducted $2.00 per hundred from any of the 1,000 plus shippers sending over their base allotment.

Members of both Cooperatives apparently understand the necessity of the assessments and have stoicly accepted the price cuts.

Assessments are likely to continue through May and June milk payments.

"If current volumes continue, we'll have to do something about surpluses," says Honan. "We can't continue to haul milk these long distances."

Strock echoes that sentiment, adding, "We simply can't go on producing this much milk. And we're not going to advertise our way out of this problem."

Neither can farmers rely on Class I fluid milk sales in the future to bail them out of the milk glut, according to Honan. He says that Inter-State's head economist, Paul Hand, recently noted figures showing population losses of up to 15 percent in the high-density urban areas of the Philadelphia-Baltimore-Washington market.

"And as the people are moving out, those Class I sales figures are dropping," he emphasizes.

Ultimately, what dairy farmers do or don't do about production problems will show up on the bottom line of the bankbook.

"May was worse than April. June will likely be worse than May," concludes Strock. "We've been preaching over-production for over two years. Price will eventually dictate production."

2 weeks left in photo contest

LANCASTER — Don't wait until the last minute; less than two weeks remain for you to submit your favorite photo in Lancaster Farming's Dairy Month Photo Contest.

Deadline for receipt of entries in our office is Friday, June 26.

Thus far, the cute or comic category has been the most popular.

And we've been literally amazed at some of the unusual or funny situations in which dairy animals can get themselves.

So, keep those comic or cute photos rolling in.

We've quite a few entries in the other two categories, too. These are the posed photos of dairy animals with people and scenic photos with dairy animals in them.

The two main requirements for photos are that they must have been taken by an amateur photographer and they must have dairy animals in them.

Three cash awards are planned in each of the three categories — $50 for first, $30 for second and $20 for honorable mention.

But we need your photos for you to have a crack at one of these nine cash prizes.

The photos can be either black & white or color and must be at least snapshot size. If you want it returned, send along a stamped, self-addressed envelope.

Each entry should be accompanied with your name, address, telephone number and a Lancaster Farming mailing label.

Send only photo prints; no transparencies or slides.

Sends your dairy photos to:
DAIRY MONTH
PHOTO CONTEST
Lancaster Farming
P.O.Box 366, Lititz, Pa. 17543

Hazardous waste dump

(Continued from Page A1)

was a prime farmland area in which funds were needed to help control agriculturally related pollution.

"I'm sure this will be a fundamental consideration by both the state and federal officials — providing money to clean up surface water pollution in an area in which is proposed a hazardous waste dump, which could possibly have an effect on subsurface water supplies.

"My personal initial position is one of objection unless absolute assurances are provided that there won't be any problems with effluent from these toxic wastes and possible pollution.

"And are such absolute assurances even possible?"

Funk said he favored the position taken by East Earl Township supervisors this week in which the board decided to make a thorough engineering study of the dump location proposal.

Some 400 people attended Tuesday night's meeting of the East Earl supervisors at which they authorized the study.

Those attending the two-hour session expressed solid opposition to the dump location as they have at previous meetings in Caernarvon and Salisbury townships. The 450-acre site of the Narvon Mine is located where the borders of the three townships meet in eastern Lancaster County.

The East Earl study of the dumping proposal will be made by the Huth Engineering firm, of Lancaster, the township's consulting engineers. Township solicitor Charles B. Grove Jr., was also authorized to hire such other experts as necessary to make the thorough investigation.

Clyde Martin, chairman of the East Earl supervisors, said that concerns to be studied will include transportation of toxic wastes in the area, water pollution and general welfare of the community.

Purchase of the mine and proposed use as a hazardous waste dump is being sought by IU Conversion System, Inc. of Horsham The firm has submitted applications to the townships for a special exception to zoning regulations to locate a hazardous waste landfill.

Also attending Tuesday's meeting was State Rep. Noah Wenger, whose district includes East Earl Twp. He told the group that when application for location is made to the Pa. Department of Environmental Resources, he would request that a local hearing be held in the Narvon area.

DER is one of the state agencies that assigned high priority to the same area for the federal pollution control project.

Citizens from the three-township area are joining together into a Red Rose Alliance to take part in what they expect to be a long and costly fight against the proposed hazardous waste dump.

Calf

(Continued from Page A1)

will not be alone for long according to Brackett. The procedure has been done to six other cows with one receiving two eggs.

The research has been supported by Child Health and Human Development and the Canadian Medical Research Council.

Eastern hikes dues by 4 cents

SYRACUSE, N.Y. — Delegates to the annual meeting of Eastern Milk Producers Cooperative decided on a four-cent per hundredweight increase in membership dues rather than a proposed flat monthly rate plus a hundredweight increment this week.

The proposal to amend by-laws and go to a $25 monthly rate for all shippers regardless of size plus a hundredweight charge of about 7 cents was voted down by the delegates.

Instead, beginning July 1, membership dues will be hiked from the present 10 cents to 14 cents per hundredweight.

The flat monthly rate had been proposed in an attempt to hang on to larger shippers, but the delegates felt that the proposal would not help accomplish this purpose. Also, it could be considered discriminatory against smaller shippers.

The annual meeting also saw two changes in the roster of officers of the co-op

Franklin Wagner Sr., of R2 Hummelstown, secretary, stepped down, because he has purchased a dairy farm in Huntingdon County. Although he will also be maintaining residence at the Hummelstown area farm, he thought it best to step down, Wagner said.

Wagner was replaced as secretary by Earl Forwood, of Hop Bottom.

Also, Daniel W. Fox, of R1 Ephrata, was elected director from District 8 in southeastern Pennsylavania to replace Wagner.

Clyde Wilson, of Rushville, retired as assistant secretary-treasurer. He was replaced by Charles Shoop, of Halifax.

Other officers, including Stanley Korona, R4, Amsterdam, N.Y., president; David Clements Jr., R1, Frankfort, N.Y., vice-president; and George Fuller, Houghton, N.Y., treasurer, were re-elected.

Elected directors on the executive committee include Leo J. Connor, Brigport, Vt.; George Haddad, Bainbridge, N.Y.; and Noah Prior, Evans Mills, N.Y.

A resolution was passed for the president of the association to become more involved in keeping track of the activities of the directors. The move was seen as an attempt to curtail activities of certain directors and keep a tighter rein on expenses.

Another resolution was passed for the co-op to become more active in trying to help shape the national farm bill, particularly in determining the rate of parity at a level above 75 percent.

Local erosion enforcement eyed

LANCASTER — The Lancaster Conservation District has applied for the option to take over local enforcement of erosion and other conservation-related violations.

Thomas Johnston, District administrator, said application for the local enforcement has been made to the State Department of Environmental Resources, which has been handling any prosecutions under its Bureau of Soil and Water Conservation.

Approval is expected in July for the local handling.

Johnston said that a few commercial and residential developers had been prosecuted last year for erosion violations. But the cases had been dismissed by district magistrates due to small technicalities.

He explained that handling of prosecutions, if situations reach that stage, are expected to be better at the local level, rather than involve the state, which can affect magistrates' consideration in a case against a local developer or farmer.

The administrator explained that more cooperation is generally obtained from farmers than from developers.

"The biggest problem in agricultural areas is the growing amount of farmland that is being rented," Johnston said.

"Some estimates range from 10 to 30 percent of the farmland in Lancaster County now being rented.

"On rented land, generally there are no provisions for proper soil and water paractices worked out between the owner of the land and the person renting it."

He explained that in working with farmers there is more opportunity to devise conservation plans to correct any improper practices. But usually a developer must do something immediately and a faster response is necessary.

Violations under Clean Stream laws can carry fines up to $100 a day.

House passes budget after all-night marathon

HARRISBURG — The news on Capital Hill this week is an all-night marathon pulled by the state's House of Representatives on Wednesday. The legislators passed the budget (S.B. 712) at 4 a.m. Thursday morning, and most went home to take a well-earned rest.

As far as the Department of Agriculture's budget goes, Darwin Moyer, director of PDA's Administrative Services commented, "We came out of the budget pretty good."

When the budget finally was approved in the wee hours of the morning, a $200,000 line item setting up funds for agricultural research had been restored in the legislation. And an ag budget of $15,529 million had been established.

Because of the additions of several items, the bill now passes back to the Senate for a 'yes' or 'no' vote — no changes in the legislation can be made And then it's on to the Governor's desk for signing

The House also passed the catch-all Senate Bill 161, introduced by Senator Clarence F Manbeck, with a vote of 112-88. Two amendments to the Bill are important to ag groups.

The first amendment allows implements of husbandry to be driven between farms with only the slow moving vehicle sign displayed on the back during daylight hours. Present law requires lights.

The other amendment calls for a 3½ percent oil franchise tax to be paid by the oil companies for fuel used in transportation. This tax replaces the previously proposed SWAP tax, and will create funds to repair and maintain rural roads and bridges

Other action on the Hill this week included the session of the House Agricultural Committee on Tuesday morning. Slated for discussion were House Bill 1472, the Food Act, and HB 1429, the Noxious Weed Bill.

Introduced by Lancaster's Representative Noah Wenger, HB 1472 calls for the repeal of 15 Pennsylvania food-related acts presently on the books in order to provide the Department of Agriculture with uniform standards, violations, and penalties.

The Food Act provides for the detention and condemnation of adulterated or misbranded foods, allows for emergency actions by the Secretary of Agriculture in the event of a health hazard to the consumer, and defines enforcement limits and penalties.

Three amendments to the Act tied up the morning session so that no final action was taken on any of the bills.

Drawing considerable discussion was the section calling for out-of-state firms to be able to use the state registration label — "Reg. Penna. Dept. Agr." — after the Department deems the food product worthy and the firm purchases a permit for a $150 fee. It was questioned whether this could be considered a revenue raising measure, or just another fee tacked on by the state which could discourage business.

Comments from the floor expounded on the difficulties of policing the use of this label and how the voluntary labeling program, which would allow certain food products to be sold without the registration, would go against the PDA logo of "We're growing better." It was assured there would be 'peer pressure' forcing compliance and the registration would not be dropped from labels.

When the roll call was read, the amendment carried with a vote of 18 to 3.

Retail food merchants questioned whether HB 1472 would actually streamline the state's regulations at their level, along with the proposed $1 a month fee that would be levied. It was agreed these concerned groups would work with Rep. Noah Wenger and a motion on a hearing was tabled.

Commented Wenger, "There's no real urgency here. Some of these laws date back to 1909."

Questions, answers on oil franchise tax

What is the Oil Company Franchise Tax?

It is a tax of 3.5 percent upon each dollar of taxable revenue generated by oil companies operating in Pennsylvania from the sale of motor fuel within the state.

What is taxable revenue?

Taxable revenues are all receipts from the first sale of motor fuel within Pennsylvania, or revenue generated by importing motor fuel into the state for sale within Pennsylvania.

What motor fuel products are taxable?

The tax is on the sales of gasoline, diesel fuel, kerosene, propane and any other petroleum products used to propel motor vehicles on the public highways. The tax is not imposed on sales of home heating oil, lubricating oil and upon sales of petroleum products to public utilities for electricity generation, upon any off the highway use of motor fuel, upon the use of motor fuel in non-registered farm vehicles, upon sales of motor fuel to the state, federal, or local governments, upon motor fuel used by non-profit school, or upon motor fuel by volunteer fire companies, or ambulance, or rescue squads.

How much revenue will be generated by the tax?

In 1981-82 the tax will yield about $193 million.

How will the proceeds of the tax be used?

The total proceeds of the tax will be deposited in the Motor License Fund. Twenty percent of the proceeds will be appropriated out of the MLF to municipalities for distribution pursuant to the Permanent Allocation of Fuel Taxes Act, and an additional amount will be appropriated out of the MLF to municipalities sufficient to raise their share of all existing motor fuel tax revenues to 20%. This means that about $63 million of the revenue generated will go to municipalities, and $129 million will be used for state owned roads and bridges.

How will local government Liquid Fuels Grants be affected by the tax?

For every one dollar received for local roads and bridges this year, local governments will recive $1.65 next year.

What is a franchise Tax?

It is a tax imposed for the privilege of doing business in Pennsylvania.

Is a franchise tax different from a gross receipts tax?

The taxes are similar, but the franchise tax is imposed for the privilege of operating in the state, whereas the gross receipts tax is imposed upon sales made within the state.

It is constitutional to impose a special tax on oil companies?

Yes. Currently in Pennsylvania, we have special taxes on utilities, financial institutions, and insurance companies.

How will the tax be collec-How will the tax be collected?

Oil companies will on the 10th day of the month following the month in which sales are made pay the taxes due for the month. The tax will be collected mainly from wholesale distributors and importers of oil into Pennsylvania.

How will distributors distinguish between the sale of motor fuel for taxable versus tax exempt purposes?

Purchasers will be required to provide documentation to distributors showing what portion of fuel purchased will be used for exempt purposes. If the purchaser cannot reasonably predict fuel use at the time of purchase, all of the fuel will be presumed to be taxable, but the purchaser may subsequently provide documentation to the oil company showing exempt uses.

Whenever subsequent documentation is provided, the oil company may claim a credit against taxes currently due for taxes previously paid on exempt products. If the purchaser is unable to provide documentation on exempt uses, either at the time of sale or subsequent to the sale, then the Department of Revenue may pay to the ultimate exempt user of fuel a credit equal to the amount of the tax paid on the fuel by the oil company. Finally, if a purchaser claims that fuel will be used for an exempt purpose and later uses or sells the fuel for a taxable purpose, than the purchaser must directly pay the franchise tax.

Will home heating oil customers be required to apply to the

(Turn to Page A39)

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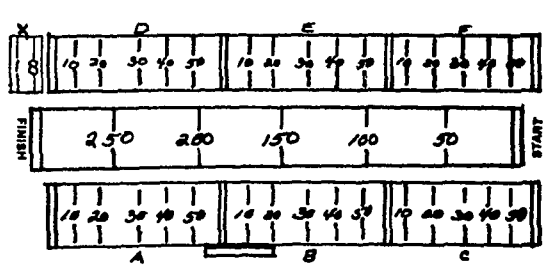

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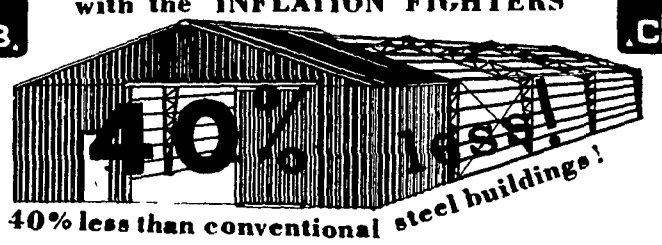

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USDA issues 1981 loan and purchase rates

WASHINGTON, D.C. — Farmers now can receive federal loan and purchase rates for 1981-crop grain and soybeans for their individual county, according to an official of the U.S. Department of Agriculture.

Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Services, said copies of the rates have been sent to state and county ASCS offices and also are available from the price support and loan division, USDA-ASCS, P.O. Box 2415, Washington, D.C., 20013.

Rank said county rates are based on a national average rate for each crop and vary from county to county to reflect differences in the value of the crop, production trends and, for some commodities, transportation costs to terminal points. The national rates were announced earlier.

He said some minor adjustments have been made from the 1980 rates to reflect slight changes in area-to-area relationships and he urged farmers to check with their county ASCS office to see whether their county rates have been affected.

USDA commodity loans give producers an opportunity to obtain cash while holding their crop for later sale. By holding a crop, producers minimize market gluts, extreme price swings and transportation bottlenecks, by spreading commodity markets over the entire year.

The following are Price Support Loan rates applicable nationally and to all counties in Pennsylvania by crop. Also included are 1981 Target Prices.

1981
National Loan Prices
(per bushel)

Barley, $1.95; corn, 2.40; oats, 1.24, rye, 2.04; sorghum, 2.28; soybeans, 5.02; wheat, 3.20.

1981
Pa. Loan Rates
(per bushel)

Barley, $1.93; corn, 2.62; oats, 1.42; rye, 2.13; sorghum 2.30; soybeans 4.98; wheat, 3.17.

1981
Target Prices
(per bushel)

Barley, $2.60; corn, 2.40; oats, 0; rye, 0; sorghum, 2.55; soybeans, 0; wheat, 3.81.

Loans on these commodities mature nine months after the date the loan is disbursed. Interest is charged at the rate of 14.5 percent, subject to adjustment April 1 and October 1 annually.

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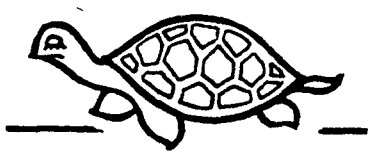

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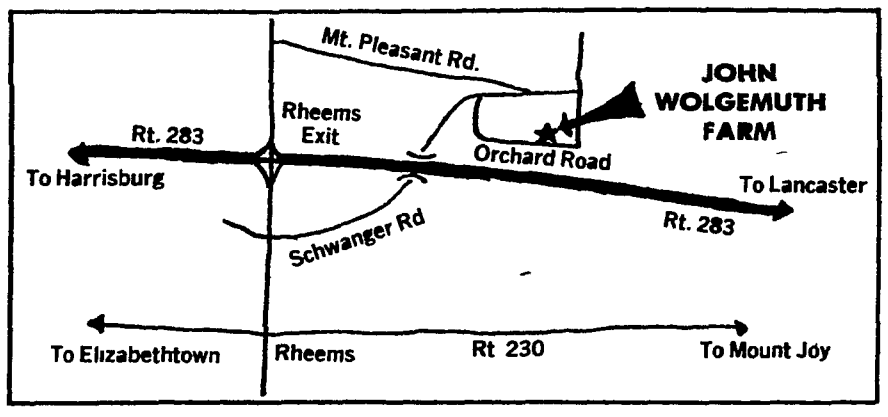

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Ram sale buyers have 'field day'

STATE COLLEGE — The prices for Pennsylvania's fifth annual performance tested ram sale fell far below the average of previous sales. The sale was held on June 6 at the Pennsylvania Department of Agriculture's Meat Animal Evaluation Center, in State College.

According to Robert Kimball, manager of the Meat Evaluation Center, the prices were lower because of several factors — tight money and the weather.

"We didn't have as large a crowd because of the nice weather. I suppose after several days of rain, people wanted to get out in the fields," he said.

"When there's no money and no people, it's tough to sell animals," he added, noting this group of rams was one of the best performing ever on test.

There were 31 rams sold at an average of $200.

In the Suffolk breed eighteen rams brought an average price of $220. The top indexing Suffolk ram was sold by Mrs. Paul Kelly of Hartstown to Penns Cave Inc. of Center Hall for $475. Lot #54, owned by Paul Leader, also was sold for $475 to Charles King of Sterling, Ohio.

The top indexing Dorset ram was sold by Ovine Alley Dorsets, Palmyra to Andrew Sholits, Uniontown for $225. The proceeds from the sale of this ram were donated by the Staver family to the Ag Arena Building Fund. The high selling Dorset ram was sold by Penn State to John W. Kolstee of Warren for $310. The five Dorset rams averaged $227.

The high indexing and high selling Shropshire ram went to Maynard B. Witherell of Johnstown for $225 and was sold by Warn Menhennett of Cochranville. The three Shropshire rams sold for an average of $162.

Two Corriedale rams owned by J.M. Stowell sold for $100 each. One went to Barry Hill Farm of Coudersport and the other to Kathy Weaver of Everett. The sale average for four Corriedales was $81.

The only Southdown ram in the sale was sold to Gerald and Barbara Rohrer of Quarryville for $275 and was sold by Gary Kwisnek of Clarksburg.

All the rams were examined for reproductive soundness before the sale. They also had been wormed and given shots for tetnus, entertoxemia, and sore mouth.

Before the sale began, there was a sheep marketing field day. Clair Engle, Extension sheep specialist, said the theme of the program was teaching sheep producers to "market not sell sheep".

John Zimmerman, of the marketing division for the Department of Agriculture, spoke on lamb grading. Lamb grading began, he said, began in 1961 and is based on grade and weight. The amount of fat covering over the back bone and loin are indicators of quality and finish.

Zimmerman graded some sample lambs and explained to the crowd his reasons for grading. He stated that bucks, wet, and dirty sheep are often discounted because of the extra weight they carry.

Robert Mikesell, a sheep breeder and feeder from Zanesville, Ohio, who finishes out about 10,000 head of lambs, discussed the importance of proper trucking of lambs, and always making sure they have enough clean air and are dry.

Merchandising the lamb carcass was discussed by Jim Watkins, assistant professor of animal science in meats. He stressed the fact that the consumer is looking for a "light pink color" indicating a young lamb, and that lambs with heavy legs (over 7 lbs.) are hard to merchandise. Watkins then yield graded three carcasses and a demonstration how to cut up another.

The high indexing Dorset ram at the 5th annual performance test sale sold for $225. The Kenneth Staver family, owners of the ram, donated the proceeds to the Ag Arena building fund.

Tom Calvert, president of the Sheep & Wool Growers Association, discussed the Association's role in the upcoming Ag Arena Benefit Sale. Any producer interested in donating a sheep for the sale is asked to contact Calvert. LD.

Who'll name the new Ag Arena?

BY LAURIE DOBROSKY

UNIVERSITY PARK — Who's going to name the new Ag Arena now being planned for the Penn State College of Agriculture? Dairy producers, beef cattle producers, along with sheep and swine breeders may each have their shot at christening the building through a combined effort scheduled for this fall.

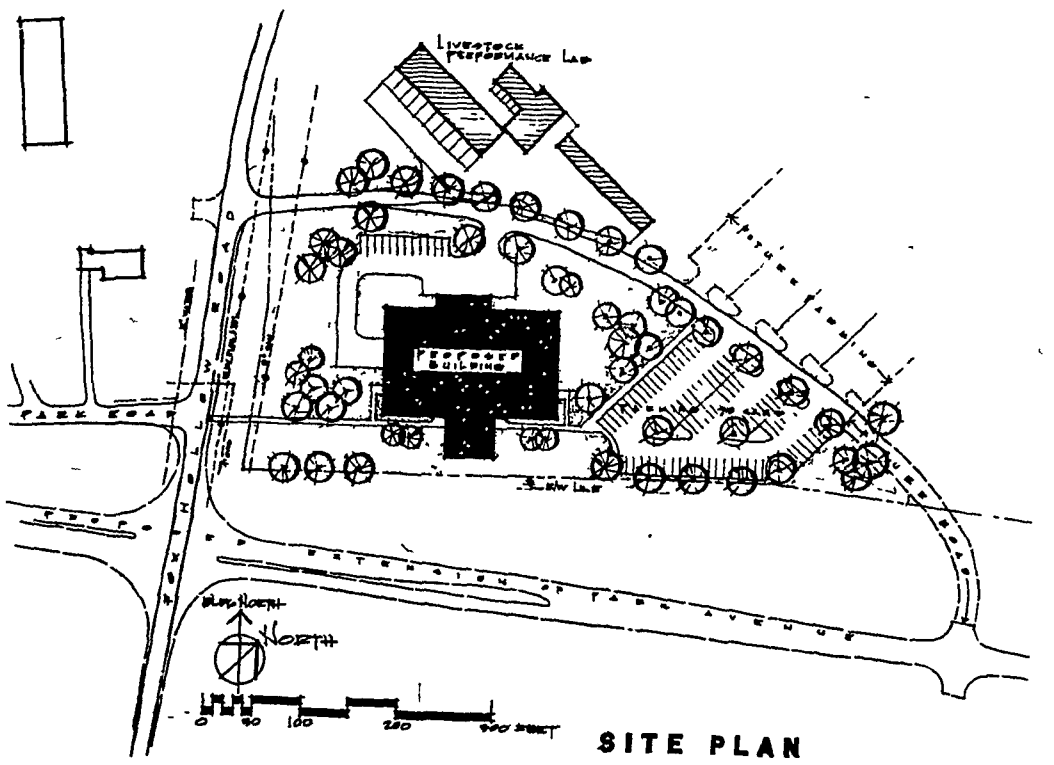
To raise money needed for the arena, a livestock sale is going to be held. This Ag Arena Benefit Sale will find registered beef and dairy cattle, sheep and swine — all donated — crossing the auction block. Once the auctioneer's gavel falls, half the proceeds from the sale of each animal will be given to the University, with the breeder retaining the other half.

The sale, which has been scheduled for sometime in November, will be held at the Farm Show Complex in Harrisburg. William Nichol, secretary of the Holstein Association, will serve as sale chairman.

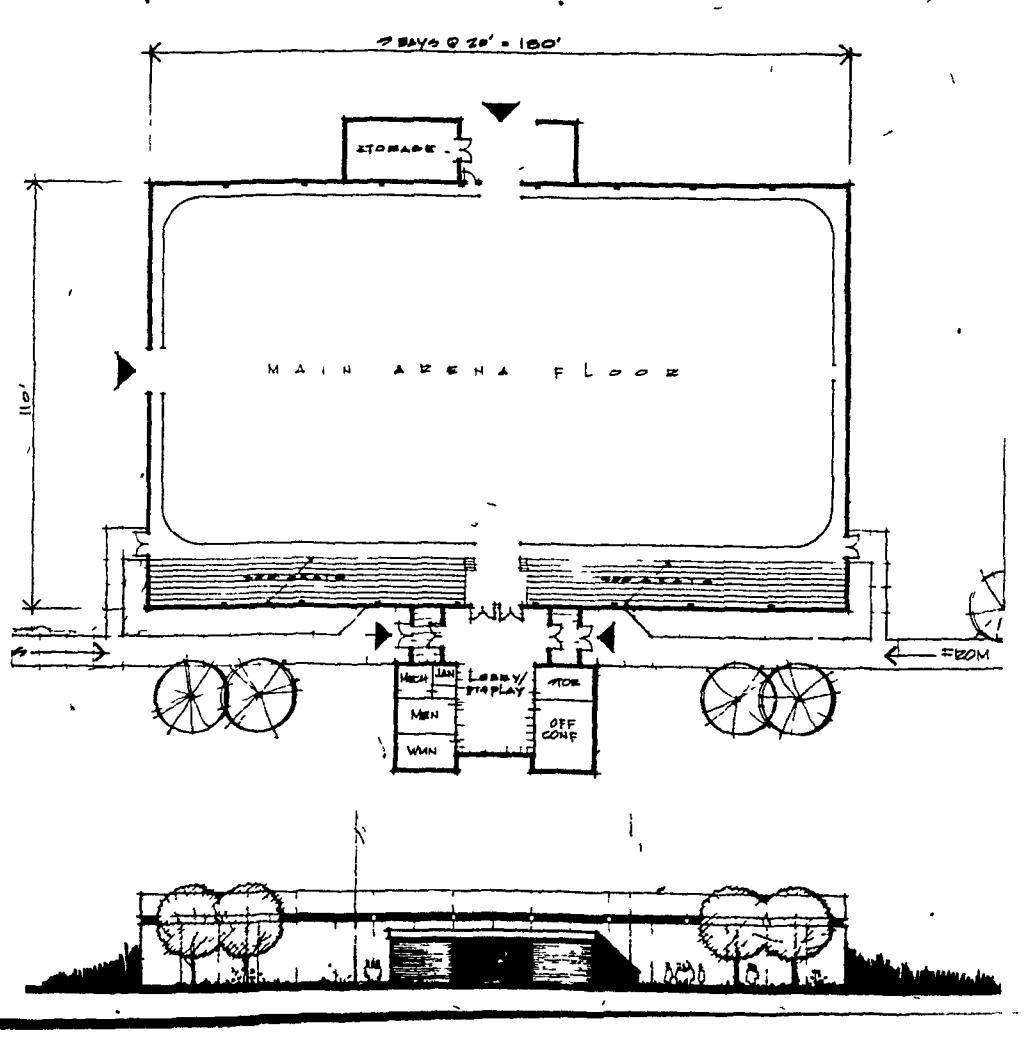
The tenative schedule is to sell the beef and dairy cattle in the morning. Following this sale a buffet luncheon will be held. Then in the evening, there will be the sale of the sheep and swine. According to Thomas King, director of Extension and associate dean for the College of Agriculture, horses and goats will be excluded from the sale, but may be included in future sales.

A number of livestock species groups are in charge of approaching various breeders for animal donations. The Cattlemen's Association is in charge of beef cattle. William Nichol, will line up the dairy cattle consignments. Sheep will be obtained by the Pennsylvania Sheep and Wool Growers Association. The Pennsylvania Swine Breeders Cooperative wil procure the hogs. Students and extension personnel will also be asked to help contact breeders.

King says, the sale committee is hoping that all of the expenses for the sale will be donated. This includes the auctioneers, catalog, and sales help. Anyone wishing to donate their services is asked to contact William Nichol at 839 Benner Pike, State College, 16801; Phone 814/234-0364, or Milford Heddleston, Ag. Administration Building, University Park, 16802; Phone 814/863-0263.



SITE PLAN



The proposed building site will be a convenient distance between all livestock facilities and will be easily accessible by campus bus lines for students and visitors. The site is located between the meat animal evaluation center and the meats laboratory on Fox Hollow Road.

The estimated cost of the facility is $900,000. According to William Engle, associate director of the office of gifts and endowments, as of May 1, $120,264 had been raised for the ag arena. This includes all of the money raised by donations and the phone-a-thon held to solicit funds from alumni.

The Ag Arena will be used for a number of activities both in the instruction of students and for Extension activities. The university has no place at the present time to hold any of the larger college of agriculture activities that take place.

The complex will consist of an arena 90 x 180 feet with seating for 600 people, restrooms, an office and storage areas.

According to King, there is likely to be additional holding pens for animals placed on the back of the building, the completion of this new addition, to the original plans for the building will depend on if sufficient funds can be achieved.

The arena will be suitable for working with horses, cattle, sheep and other animals. The building is scheduled to be used as a classroom, for conferences and for short courses. In addition, such activities as the Horticulture Show, Little International Livestock Show, Dairy Exposition and 4-H and FFA livestock judging contests will also be accomodated.

PENNSYLVANIA AGRICULTURE
PA
WE'RE GROWING BETTER

Montgomery honors top Holsteins at banquet

LANSDALE — David Longacre and Walebe Farms dominated production and type awards presented at the recent annual banquet of the Montgomery County Holstein Club.

The banquet program also featured the crowning of the 1981 Montgomery County Dairy Princess Marilyn Seipt, daughter of Mr. and Mrs. Fred Seipt, of Lansdale.

Runnerup in the Princess Contest was Joanne Kolb, dughter of Mr. and Mrs. Daniel Kolb, of Spring City.

The Montgomery County milk production awards for 1980 included:

Two year old – Redroof Glendell AC Fame, Walebe Farms, 1-11, 24,172 lbs; runnerup, Medospring Lucky Joyful, Meadospring Farm, 2-01, 21,024.

Three year old – Da-Gina Jet Stream Minny, David Longacre, 3-11, 25,009 lbs.; runnerup, Tranquility Jet Stream Robin, Walebe Farms, 3-05, 23,514.

Four year old – Da-Gina Royal Marjorie, David Longacre, 4-00, 25,882 lbs.; runnerup, Keystone Jet Stream Lilac, Keenline Farm, 4-03, 24,917.

Aged cow, 5-9 years – Do-Ri-Da Marquis Nora, David Longacre, 8-09, 30,036; runnerup, Lo-Lee Loris Pilot Alan, Walebe Farms, 5-09, 27,823.

Senior aged cow, over 10 years – C-Rockridge Perseus Brenda, David Longacre, 15-11, 21,271; runnerup, Quietcove Matt Cinderella, Walebe Farms, 11-03, 21,044.

The Montgomery County High Milk Trophy went to David Longacre for the 30,036-lb. record of his aged cow.

The fat awards included:

Two year old –Redroof Glendell AC Fame, Walebe Farms, 1-11, 801 lbs.; runnerup, Indianvale Gay Greta, Harold Halteman, 2-02, 763 lbs.

Three year old – Freddy-Hill Gay Gabby, Freddy-Hill Farm, 3-09, 975 lbs.; runnerup, Airyside Hello Rhoda, Walebe Farms, 3-09, 829 lbs.

Four year old – Da-Gina Reflection Victoria, David Longacre, 4-11, 983 lbs.; runnerup, Freddy-Hill Starry Babs, Freddy-Hill Farm, 4-03, 879 lbs.

Aged cow, 5-9 years – (Tie) Do-Ri-Da Marquis Nora, David Longacre, 8-09, 978 lbs. and Keenline Joyboys Trix, Keenline Farm, 6-07, 978 lbs.; runnerup, Chiques Glen Bootmaker Sunny, Freddy-Hill Farm, 5-00, 918 lbs.

Senior aged cow, over 10 years – Romeda Don Augur Citation Lory, Walebe Farms, 10-08, 732 lbs.; runnerup C-Rockridge Perseus Brenda, David Longacre, 15-11, 711 lbs.

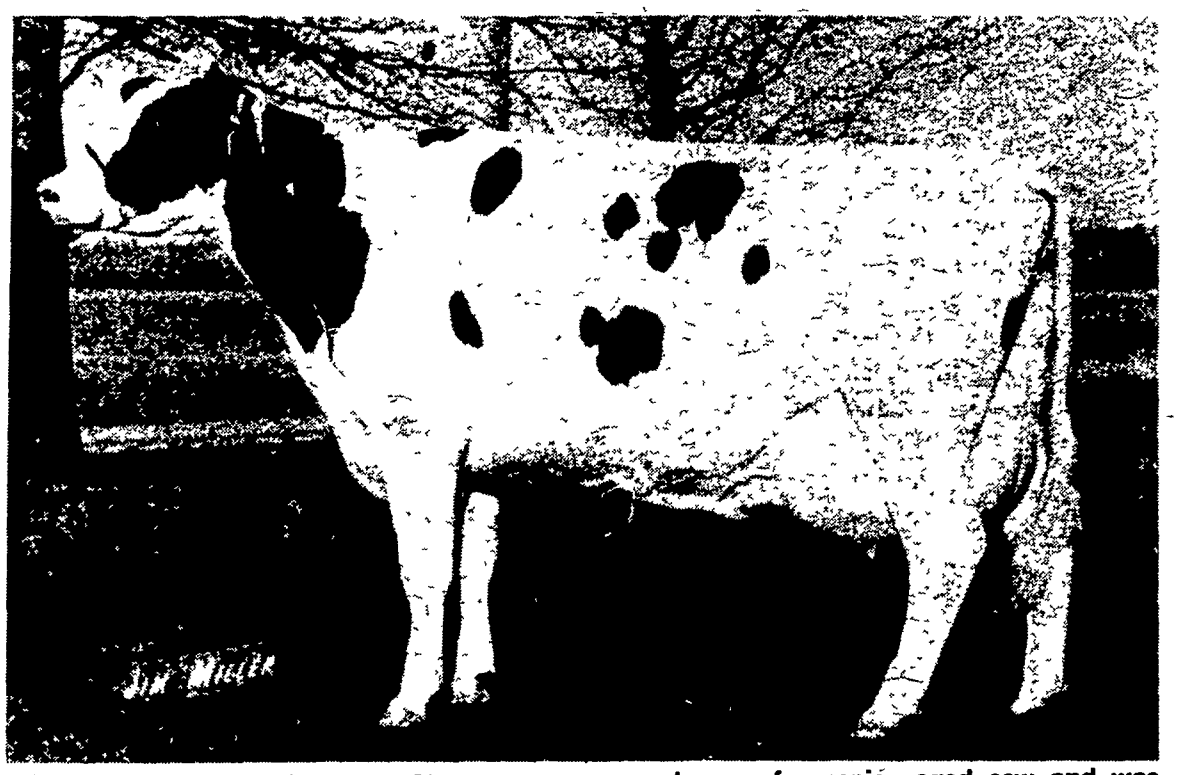
The Montgomery High Fat Trophy also went to David Longacre for the 983-lb record of his four year old.

The 1980 type awards:

Two year old – Welcome-In Moniter Faith, Walebe Farms, 2-08, VG-87; runnerup Keystone Ormsby Ice Cream, Keenline Farm, 2-11, VG-86.

Three year old – Will-Al Persuader Puddle, Keenline Farm, 3-03, VG-88; runnerup Woodson Rorae Gent Evelyn, Woodson Farm, 3-08, VG-88.

Four year old – Jug-a-Luck Cardinal Jewel, Walebe Farms, 4-02, VG-88; runnerup, Woodson Yoho Samson Emmaliane, Woodson Farm, 4-04, VG-88.



High type trophy at the recent Montgomery County Holstein banquet went to Quietcove Fond Matt Cinderella, of Walebe Farms. The 12-year-old cow is Ex-95-3E. She took the same honors for senior aged cow and was runnerup in that category's milk production with 21,044 lbs. at 11-03.

Aged cow, 5-9 years – Hess-Hy Vue Maple Ginny, Walebe Farms, 7-02, EX-92 2E; runnerp tie, Keenline Joyboys Trix, Keenline Farm, 8-01, EX-90, and Do-Ri-Da Marquis Nora, Davod Longacre, 9-08. EX-90.

Senior aged cow, over 10 years – Quietcover Matt Cinderella, Walebe Farms, 12-01, EX-95-3E; runnerup, Du-Mar Apollo Oda, Du-Mar Farm, 10-05, EX-90.

The High Type Trophy went to Walebe Farms for the senior aged cow.

Produce hotline opens Monday

HARRISBURG — The Pennsylvania Department of Agriculture's Produce Marketers Hotline will again provide direct farm marketers with updated information to help determine pricing of fresh produce in 1981.

Farm market operators in the Commonwealth seeking information on price ranges for produce in season can take advantage of this toll-free hotline (1-800-932-0904). The hotline will open on Monday, June 15 and will remain in service through September 30.

"The hotline is just one phase of our efforts to improve farm marketing in the state," State Agriculture Secretary Penrose Hallowell said.

"With greater stability in pricing, marketing of our farm produce should be more orderly."

Hallowell noted that the hotline was initiated as a pilot project in 1980, as a cooperative venture with the USDA's Agricultural Marketing Service. The 1981 hotline is being completely funded and operated by the Pennsylvania Department of Agriculture.

"Pennsylvania farm marketers found the program worthwhile last year," he said. "From July 15 to September 30, we received nearly 5,500 calls, an average of 120 per day. We decided to continue this program as a service to our farm community."

The Produce Marketers Hotline provides information on retail prices for inseason farm produce. This information is tallied by the Bureau of Marketing and is revised twice weekly, on Mondays and Thursdays. As new crops are ready for harvest, they are included in the pricing information.

READ LANCASTER FARMING FOR COMPLETE AND UP-TO-DATE MARKET REPORTS

Redroof Glendell AC Fame, of Walebe Farms, took both high milk and butterfat production records for 1980 at the recent Montgomery County Holstein banquet. As a two-year-old, Fame produced 24,172 lbs. of milk and 801 lbs. of fat.

June is dairy month

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Lancaster, York nat'l park proposal meeting set for Tuesday

LANCASTER — The United States Department of the Interior's National Park Service will discuss the proposed designation of Susquehanna Natural Gorge as a National Park. The meeting will be held on Tuesday, June 16 at 7:30 in the communications center of Philadelphia Electric Company's Muddy Run Recreation Park, Route 372, Holtwood. The gorge is located in Lancaster and York Counties.

Landmark designation, under the provisions of the interim regulations for the National Natural Landmark Program would officially recognize the geologic and biologic significance of this area. The designation would not affect the ownership of the area in question. However, the Landmarks program does encourage owners to employ sound conservation practices in the use, management, and protection of their property to preserve its significant values.

The primary purpose of the June 16 meeting is to describe the National Natural Landmarks Program and to explain the proposed designation of the Susquehanna Piedmont Gorge.

The area proposed for designation is a 17.5 mile section of the Susquehanna River valley between the Columbia-Wrightsville area and Fishing Creek; the section contains 14,344 acres. The area was selected because of its unique geology, abundant wildlife, and important vegetation. The geologic features include steep canyon walls, scenic overlooks, bedrock exposure of Piedmont formation, a large metamorphic fault cave, alluvial and bedrock islands, and huge dry potholes.

There is a very large rookery, which is a nesting ground for migrating birds. The fish population has been intensely studied, so there is a wealth of information concerning it. There are large stands of virgin forests and excellent second growth stands. Overall, the area is considered a mini-wilderness and a very exciting scenic area.

The area is remarkably wild and natural despite having three dams, three power stations, a major highway bridge, and operating railroad lines. Sections of the area are managed as natural areas by public utilities.

If you have any questions about the proposed designation or the meeting, please contact J. Glenn Eugster, Chief, Division of Natural Resource Planning, U.S. Department of the Interior, Natural Park Service, 600 Arch Street, Room 9310, Philadelphia, PA telephone (215) 597-7386 or Robert E. Walker, Lancaster County Planning Commission, at (717) 299-8333.

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PUBLIC SALE

Of Trucks, Tools, Refrigeration Equip., Guns & Household Goods

TUESDAY EVE., JUNE 16

At 6 P.M.

Trucks to be sold at 7 P.M.

LOCATED ALONG N. FARMERSVILLE RD., EPHRATA, TOWNSHIP, PA.

Directions: Turn West off Rt. 322 onto Bethany Rd. (at Mary Carter Paint Store) to 3rd road to left which is North Farmersville Road.

'73 CHEVY VAN, AIR CONDITIONING, 350, NEW TIRES; '76 CHEVY VAN, 350, NEW TIRES; '77 CHEVY PICKUP, 350, NEW TIRES.

Tools

3000 Watt Alternator, used 15 hrs. with gas engine; ¼" Drill; ½" Drill; Chisel Hammer & Drill; Pipe Wrenches and Monkey Wrench; Pipe Threader; Pipe Vise; Digging Iron; Turbo Torches with B Tanks; 300 gal. Gas Tank with Pump, 1 yr. old; E. Z. Utility Trailer, 6'x10', Double Axle; Handyman Jack; 1 1/8" Tubing Bender; ¾" Tubing Bender; ½" Tubing Bender; ½" EMT Conduit Bender; Chain Bender; 2 Ton Come-A-Long; 15 ft. Chain; 50 ft. Extension Cord; Assorted Box & Open End Wrenches; Vise Grips; Water Pump Pliers; Tin Shears; Hammers; Hack Saws; Tool Box; Socket Set; Tubing Cutters; Assorted Adjustable Wrenches; Assorted Pliers; Compress Shaft Seals; 3 h.p. Compressor Pump; Lehigh Compressor Valve Plates.

Assorted Punches & Chisels; Plumb Bob; Nut Driver Set; Pulley Puller; Tachometer; Files, metal and wood; Flaring Tools; Assorted Screwdrivers; Allen Wrench Sets; Rethreading Die Set; Neon Voltage Prob; Capiciter Tester; Circuit Testers & Voltage Testers; Wire Brush; Ignition Wrench Set; Assorted Refrigeration Wrenches; Hole Saw Kit; Knock Out Kit for Electrical Boxes; Drill Index; Refrigeration Gauges; Halite Leak Detectors; Bag Wagon; 2 Burner LP Gas Heater; 30 lbs. Cylinders for L.P.; Heavy Duty Refrigeration Vacuum Pump; Air Flow Meter (to check vacuum).

Misc.

5 hp Tecumseh Compressor; 2 hp Dunham Bush Compressor; 5 Fan Motors with fans; Assorted Electric Motors (5 hp.); Assorted Parts for Compressors; 3 Groove Cycle Sheave Clutch; 12 Volt Single Groove Clutches; 12 Volt Coils for Single Groove Clutch; 16 Quart Carrying Pail; S.S. Hand Wash Basins; Milk Strainers; Assorted Brushes for Tanks & Valves; Assorted Fans; S.S. Hose Racks; Brush Racks; Braided Hose for Bulk & Tank Washers; Assorted Agitator Motors; Assorted V Belts (new); Recording Thermometer Charts; 12V Esco Water Pump; ½ hp Compressor, Belt Driven; Delaval 75 Vacuum Pump; Assorted Electrical Accessories; Assorted Galv. Pipe Fittings; Assortment of Plumbing and Refrigeration Equipment; Assorted PVC Fittings; Single 29" Wash Vat; S.S. Milk House Cabinet; Assorted Copper Fittings; Used Bulk Tank Washer for parts; Assorted Detergents and Acids for farm use; Pile Scrap Iron & Copper Pipe; 5 hp Compressor Mounts; Clay Heavy Duty Floor Drains for Milking Parlors.

Household Goods & Guns

Assorted Chairs; What Not Shelves; Assorted Depression Glass; Dishes, Glassware & Plastic; Benches (6' long); Scotts Lawn Seeder; Parker Hitch & Sweep; Bike; Crochet Set; Broyhill Coffee Table; Matching End Tables; Roll-a-way Bed; Old Dresser; Assorted Knives; Folding Card Tables; Lights; Rototiller, Hahn Eclipse; Remington Semi-Automatic 12 ga. Sportsman Model 58; Remington Model 700 - 7MM Deer Rifle with 2x7 Variable Lyman Scope with carrying sling & Case.

Selling out due to failing health. For information on sale items call 859-1145.

Terms by:

TITUS & ANNA MARY BURKHOLDER

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859-1331

Refreshments will be Available

Not Responsible for Accidents

WISE'S COUNTRY AUCTION

SATURDAY EVE., JUNE 13

6:30 P.M.

Located 4 mi S of Strasburg, PA at the White Oak Campground

WED. EVE., JUNE 17 7 PM

Groceries

SATURDAY, JUNE 20

Antique Auction

Welcoming Consignment

Terms by

Geo .H Wise, Jr

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Now Accepting Consignments

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EVENING DAIRY COW SALE

FRIDAY EVE., JUNE 26

7:30 P.M.

Selling at Art Kling's Sale Barn, located 12 miles North of Carlisle, 2½ miles N.E. of Landisburg, Perry Co., Pa. on Rt. 74:

60 HEAD HOLSTEINS 60

25 Registered!

Mostly Young Cattle - Just Fresh or Close. A few for July & August.

Load of Canadian Cows & Heifers that are just fresh- Milking up to 90 lbs. a day!

Load of New York State Cows - Purebreds with Milk records - Some classified - Fancy Cattle - "Will please even the most critical buyers"

"Don't Miss this Sale if You need Milk!

Health Charts with every Animal. Catalogs day of sale.

V. Art Kling & Mark Keller

Landisburg, Pa.

717-789-3883

Mark Glick, Auctioneer

Fred Naugle, Pedigrees

LARGE EQUIPMENT AUCTION

WEDNESDAY NIGHT, JUNE 24

5:00 P.M.

Bartron's Supply Tunkhannock, Pa.

Wyoming, Co.

FEED TRUCKS

1975 Mack MB400 Diesel 16' Box, 1974 Int. Box w/dumpster, 1972 L800 Ford (gas) Feed truck Dumpster, 1976 F350 Ford (3 ton stake) 1975 Ford L800 Truck Bulk Feed Tank, Air Auger, 1972 F600 Ford Truck 14' Box,) 1977 Pontiac Sedan Catalina, 1972 Ford Log Truck Cumming Diesel Dual axle 16 ft, TD 9 Int. Dozer, AC H3 Crawler loader, JD 500 Rubber loader bucket, Hydraulic Log Loader, (Knuckle Boom) 50 ft. Crane Mounted on GMC w/Detroit Diesel Engine, JD 740 Scraper on Rubber, 1972 Chevy ¾ ton pick-up service truck, 1973 MF 400 Track Loader w/2½ yd. cu. 4 way bucket - only 1260 hrs., 1972 tandem model C60 Dump truck wt. V8 rebuilt engine and 12 yd. Galion Dump Box, 1973 White Compact Tractor wt 20 ton Roger goose neck load boy. 3 Marlow 3" diaphram pumps on wheels.

Several of these are repossessed vehicles.

TERMS: Cash or certified or approved check wt. letter of credit.

Owner:

UNITED PENN BANK

and others

Wilkes Barre, Pa.

Auctioneer:

Jerry Burke

1-717-833-5913

Franchise tax

(Continued from Page A35)

Department of Revenue for a credit?

No. All exemptions for home heating oil will be granted at the distribution level. This is the procedure currently followed in implementing New York State's Oil Franchise Tax.

What incentive will a purchaser have to provide accurate documentation to an oil company on exempt uses of motor fuel?

The law will require such reporting and oil companies may choose to grant discounts to purchasers for providing this documentation.

What will prevent purchasers from claiming purchasers are exempt which are used or sold for taxable purposes?

If false or fraudulent documentation is intentionally provided to an oil company, the purchaser must pay the tax on the motor fuel, plus a 100% penalty and interest, and possibly face criminal prosecution. If the purchaser charges the use or sale of the product because of good faith charges in business plans, then the purchaser directly pays the tax.

Exempt users or purchasers of fuel are not subject to the tax. How can we pay them credits for a tax they are not liable to pay:

In paying these credits, we are following the precedent established by the federal and state gasoline taxes. The federal tax is imposed upon gasoline producers, but credits are paid to exempt users. The state gasoline tax is imposed upon distributors, but the credit is paid to exempt users. In paying these credits, we are simply recognizing a social policy which establishes the principle that exempt users should have the right to consumer tax free fuel.

But are not current credits paid to exempt users based on the theory that the tax is passed on to the ultimate consumer?

Mandating that the tax either be passed on to consumers or not be passed on to consumers conflicts with federal policy that motor fuel prices should be deregulated, and requires a form of state price control which is impractical and probably illegal to impose.

How will these credits be calculated:

The credits will be calculated based on average wholesale prices as if the tax as beng passed through to exempt users.

Will this tax be more difficult to collect than current motor fuel taxes?

While any new tax poses star-up problems, the administration of the Oil Franchise Tax would be no more difficult than the administration of many current taxes.

Will this tax harm oil refineries and distributors operating in Pennsylvania?

No. The tax will treat everyone wishing to sell motor fuels in Pennsylvania identically and will not discriminate against businesses located in Pennsylvania. Because the tax is not imposed on motor fuel exported for sale outside of Pennsylvania, it will not place refineries and distributors at an economic disadvantage when competing with businesses located outside of Pennsylvania.

How much will the Oil Franchise Tax increase motor fuel prices at the pump:

The exact impact prices cannot be calculated, but the entire tax will not be passed-through. Since the franchise tax is federally tax deductible, up to 46% of the tax will be absorbed in tax deductions. Competition among oil companies will also cause a portion of the tax not to be passed-through.

Why is a franchise tax imposed rather than a direct oil company profits tax?

Profits are already taxed by the Corporate Net Income Tax. To treat the profits of one industry in a discriminatory manner and add an extra profits tax would probably violate the uniformity clause of the Pennsylvania Constitution.

Why doesn't the Oil Franchise Tax prohibit oil companies from passing the cost of the tax onto consumers through higher prices?

While the tax will not be passed-through in its entirety, the prohibition of a pass-through would be unconstitutional. United States District Courts in Connecticut and New York have ruled that a non-pass-through clause violates the Supremacy Clause of the U.S. Constitution by conflicting with a congressional decision that oil prices should be regulated exclusively by the federal government and, except in emergency situations, prices should not be regulated.

What impact will this tax have upon the Philadephia City Gasoline Distributors Tax?

The tax would preempt any local taxes upon motor fuels or refineries.

Will preempting the Gasoline Distributors Tax cause the City of Philadelphia a revenue shortfall?

Philadelphia will receive increases in subsidies to maintain local roads from the proceeds of the Oil Franchise Tax equivalent to the yield of the Gasoline Distributors Tax. The tax will also generate these funds for Philadelphia without disrupting the pattern of motor fuel sales between the City and its suburbs, and without imposing the new administrative cost upon Philadelphia needed to collect the gasoline distributors tax.

Is this tax better than SWAP?

The proposal is an alernative to SWAP that yields revenues needed to fix roads and bridges.

When does the tax take effect?

The tax is effective on the first day of the first full month after enactment of the law.

Dairying requires heavy investments in capital and labor
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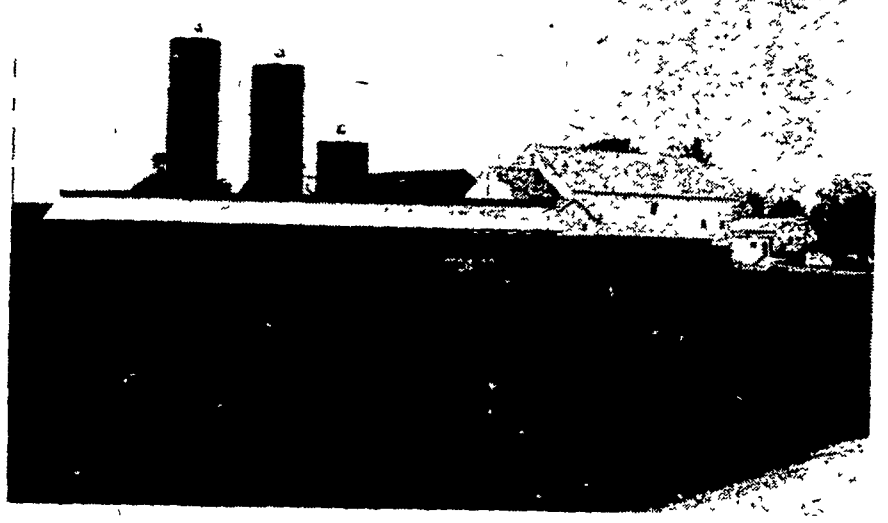


"I filled the 2040 with a year's supply of Shelled Corn in 16 to 17 hours total time, using one combine, two men and two trucks. In that time, I did all my grain-handling for the year."

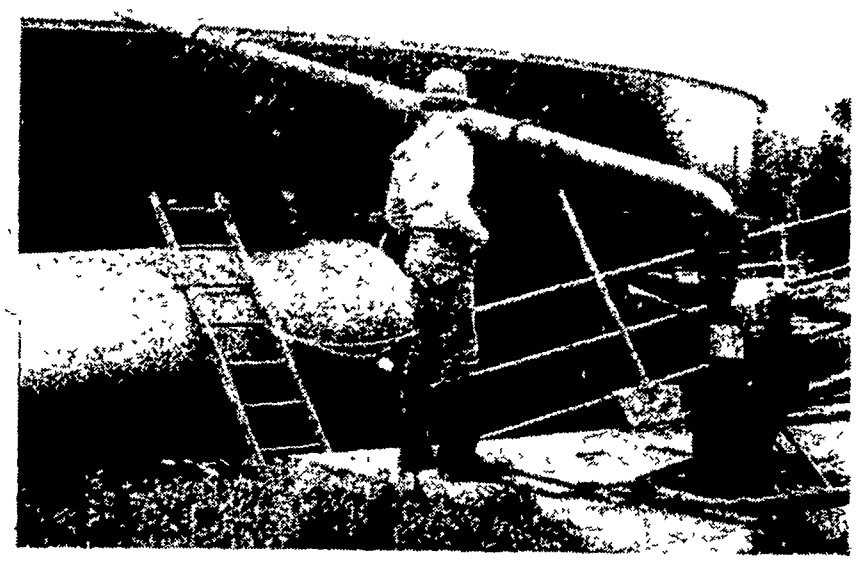
"The HARVESTORE corn unit has paid for itself four times in the eight years that I've owned it."

June is dairy month

"I wouldn't like to be dairy farming if I didn't have my HARVESTORES. If I didn't own a HARVESTORE for Haylage, I'd grow very little alfalfa."

June is dairy month

"I like the appearance of my SLURRYSTORE and the ease of handling manure. I'm better able to manage manuring by spreading only twice a year."



"I like the experienced servicemen that *Penn-Jersey* sends out to my farm."

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NORTHERN NEW JERSEY HIGH MOISTURE CORN MEETING
WEDNESDAY, JUNE 24, 1981
7:30 P.M.
FEATURING: JOHN SALTER
Call: Charles Winters after 6:00 P.M.
For Reservations. 201-832-2639

Improve your total confinement hog production with Wayne® Feeds.

Total confinement requires better management, nutrition and health programs than traditional methods of producing pork. Wayne Feeds has special products, programs and management know-how for an efficient, profitable operation. From sow feeds, pig starter, and growing and finishing feeds, to animal health aids to keep your confined hogs healthy. Wayne Feeds has it all.

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Farm Business News

IH introduces large 150-bu. grinder-mixer

CHICAGO, Il. — A high capacity grinder-mixer has been introduced by International Harvester, providing livestock and poultry producers the convenience and cost savings of grinding and mixing their own feed.

The new 1350 grinder-mixer is one of the largest in the industry. It has a 150 bu. capacity mixing tank, a 26 in. wide by 20 in. diameter hammer mill, a 780 sq. in. grinder screen area and 48 reversible free-swinging mill hammers. It will handle up to 1,000 lbs. of ear corn per minute and 2,000 lbs. of shelled corn. It grinds and mixes up to 4 tons of material at a time.

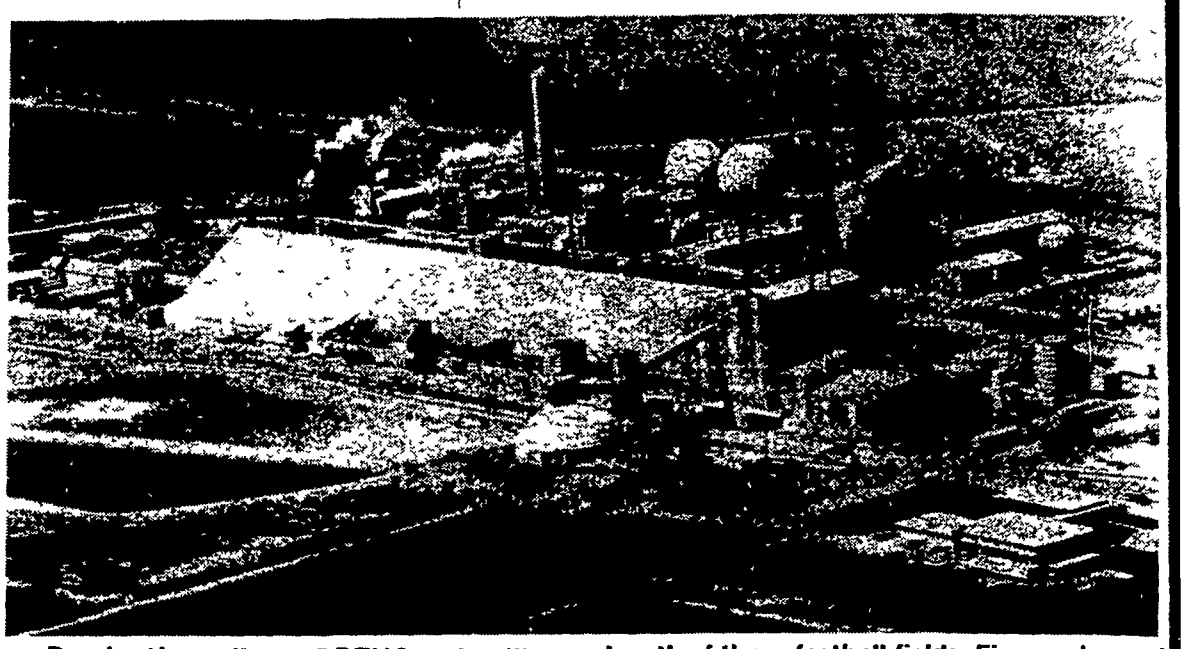
Grains can be fed into the loading hopper of the 1350 manually, through the farmer's own loading system or through an optional hydraulically-driven auger feeder which can be adjusted for a number of loading speeds.

The material is then pulverized in the large hammer mill until it can pass through one of 12 grinder screens available in sizes ranging from 5/16 to 2 in. (5/16 in. and 3/4 in. screens are standard).

The mixing tank of the 1350 is designed to thoroughly mix feed, concentrates and supplements. Three viewing windows in the mixing tank have meter measurements beside them to provide the operator with a visual check on the amount of material in the tank. An optional electronic scale provides the operator with a more accurate method of obtaining balanced rations.

Concentrates can be added through a large hopper by simply dropping a bag over a serrated sack cutter and letting the contents flow out.

The 1350 unloading system discharges up to 28 bu. per minute. Unloading height can be varied from 15 ft. to 22 ft. 3 in. at a 60 degree angle with the addition of extensions. The unloading angle can be varied and the discharge tube has a 324 degree swing from side to side. It can also be equipped with hydraulic lift and swing controls. An optional attachment for filling feed sacks can be placed on the end of the unloading system.



Dominating the ORTHO fertilizer manufacturing site of Chevon Chemical Company, Fort Madison, Iowa, is an expanded UNIPEL fertilizer manufacturing complex and 85,000-ton-capacity warehouse, together the length of three football fields. Five analyses of complete ORTHO UNIPEL pelleted fertilizers are manufactured and stored here including 21-7-14, 20-10-10, 10-10-30, 10-20-20, and 13-34-10.

Rohrer attends plant dedication

FORT MADISON, Iowa — Four representatives of P.L. Rohrer & Bro., Smoketown, an ORTHO fertilizer dealer, participated in the official Plant Dedication and Open House of Chevron Chemical Company's $60-million fertilizer manufacturing expansion at Fort Madison, Iowa, on June 1 and 2.

Attending a program and ceremonies featuring Iowa's Governor, Robert Ray, and agricultural and industrial officials from the Midwest and Washington, D.C., were Earl Rohrer, Henry Breneman, Paul Campbell and David Shank.

Rohrer's distributes Ortho fertilizer in Eastern Pennsylvania, New Jersey and Maryland.

They shared in the celebration with several hundred other dealer representatives from Chevron's 12-state Ortho and Unipel fertilizer marketing area.

On a guided tour of the expanded manufacturing facilities, they viewed and inspected the operating units capable of producing 740,000 tons annually of four different analyses of ORTHO UNIPEL complete pelleted fertilizers, Ammonium Nitrate, UAN Solutions, and Anhydrous Ammonia; and storage facilities to accommodate about 175,00 tons of all fertilizers at any given time.

Chevron established the Fort Madison fertilizer operation in 1961 with a $22-million manufacturing facility on the present 419-acre plant site, four miles southwest of town, on the Mississippi River. Its $60-million expansion, already on stream, will double and triple available ORTHO UNIPEL complete pelleted fertilizers and ORTHO Nitrogen products for the Midwest's corn, wheat, soybean and livestock farmers.

This expansion by the Chevron subsidiary of Standard Oil of California is a result of the Company's bullishness about the future of Midwest crop and animal agriculture and the agribusiness potential of the independent ORTHO fertilizer dealer.

New sales and service branch has been opened by Power Pro Equipment Co. in Lewistown. A retailer of specialty equipment, Power Pro carries the full line of Owatonna agricultural and industrial equipment, as well as other machinery for industry, construction and logging. Headquartered in New Holland, the company has another branch in Deptford, N.J.

Power Pro opens Lewistown branch

LEWISTOWN — Power Pro Equipment Co. has opened a new sales and service branch at 1118 West Fourth St. in Lewistown.

Power Pro, headquartered in New Holland, is a retailer of specialty equipment. The company has another branch in Dentford, N.J.

In Lewistown, Power Pro will sell and service the full line of Owatonna agricultural and industrial equipment. The ag products include the roll baler, swing tongue windrower, ramm mixer and mill, mower conditioners, and self-propelled windrowers. The industrial line includes the full line of Mustang front-end and articulated loaders.

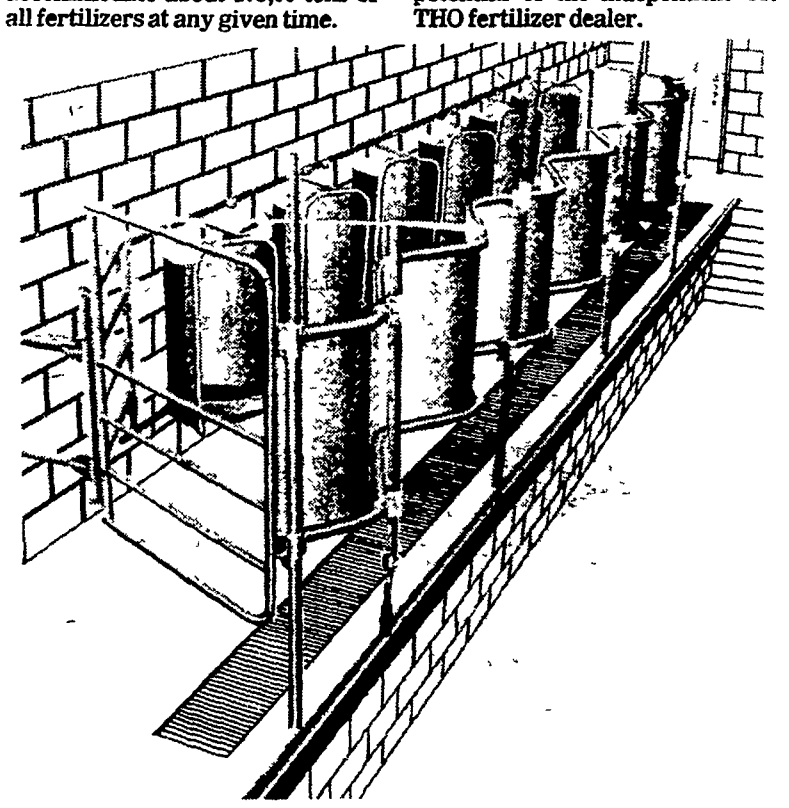
In addition, Pettibone high lift equipment for the construction trades, as well as Cary-Lift equipment for the area's log and lumber industries will be available. Excel Hustler high capacity, commercial lawn mowers will be sold and serviced from Lewistown. Komatsu forklifts will be stocked and rental units will be available.

Michael J. Lardner, president of the firm, said, "We are really delighted to be in Lewistown. Over the years we have developed a group of customers in the area and by opening this branch we will be able to better service them. Our company has grown with the philosophy of offering our customers complete parts and service back-up, and this new branch is a further expression of that philosophy to out customers and prospets in this area."

Leroy Gehman has been named service manager and has recently moved with his wife, Lois, to Lewistown.

Power Pro Equipment Co. is a member company of the Horst Group, a conglomerate headquartered in Lancaster.

READ
LANCASTER FARMING
FOR COMPLETE
AND UP-TO-DATE
MARKET REPORTS



The Americas Nu-Kumfort Parlor Stalls feature low-cost installation and extra capacity for larger cows.

Americas expands line

DELAVAN, Wi. — The Americas International Dairy Equipment Company has expanded its line of efficient, high-quality dairy equipment with two new milking system additions.

The American Nu-Kumfort Parlor Stall cuts installation time by two-thirds with its simplified, easy-to-install design. The stalls use heavy-duty, herringbone, construction, and feature a long-life, galvanized finish. Extra room is provided for larger cows with 44-inch spacing and wide entrance and exit gates.

The new Americas Vacuum Pump Oil Reclaimer can repay its cost within 18 months by saving and reusing otherwise exhausted oil. Moisture in the oil is safely evacuated. The rugged, all-aluminum reclaimer incorporates an extra-quiet muffler to make one easily-installed unit with no moving parts.

The new equipment complements the Americas dairy line, which includes:

The Americas Nu-Matic A Detacher, featuring a special low-restriction milk sensor.

The maintenance-free, extra-sensitive Nu-Vac Stabilizer is adaptable to a wide range of vacuums and different dairy operations.

An 85 lb. capacity Milk Floor Pail, said to be the largest capacity available in America.

Americas has many other products, including jetter washers, chemicals, bulk milk tanks, milk meters, water softeners, vacuum pumps and water pre-heaters.

For more information, contact: Americas International Dairy Equipment Company, P.O. Box 509, Delavan, WI 53115.

Chore-Time advisory committee

Galen Weaver, seated left, Technical Service Manager of Agri-Equipment, of Leola, is a member of the 1981 Distributor Service Advisory Committee for Chore-Time Equipment, Inc., manufacturers of automated equipment for the care and feeding of poultry and livestock, of Milford, Ind. Other committee members include Les Kreger, of Chore-Time, seated center; Paul McNeal, of Silver City, N.C.; and standing, from the left, Jim Ahlers, Fort Recovery, Ohio; Tom Beeson, Leesburg, Ind.; and Bob Lathan, Downsville, La.

Suggested Readings

Trickle irrigation publication available

NEWARK, Del. — With water at a premium and labor costs high, farmers in the northeast are turning their attention to trickle irrigation. Trickle or drip irrigation is a method of applying small amounts of water directly to a part of the plant's root zone.

The method requires less water and labor than other irrigation systems, yet it assures that the root zone has optimum moisture at all times. Trickle irrigation works especially well on vegetable crops grown on plastic mulches and small gardens and orchards.

Delaware extension agricultural engineer Tom Williams says trickle irrigation can be useful in Delaware and neighboring states, but there are some factors should consider before installing a trickle irrigation system. A new publication prepared by the Northeast Regional Agricultural Engineering Service of the Cooperative Extension Service explains the advantages and disadvantages.

The 23-page illustrated publication, **Trickle Irrigation in the Eastern United States,** discusses plants' water needs, specific crop recommendations, and the engineering specifications for trickle systems. To receive a copy, send a check for $1.25, made out to the University of Delaware.

The address is: Agricultural Hall, University of Delaware, Newark, De 19711.

MF reports loss

TORONTO, Canada — Massey-Ferguson Limited has reported an operating loss of $37.4 million (U.S.) for the three months ended April 30.

An unrealized exchange gain, due largely to the strength of the U.S. dollar, of $29.4 million led to a net loss of $8.0 million for the quarter.

The result was an improvement over the first quarter operating loss of $101.9 million. In the first quarter an exchange gain of $20.5 million was included in the net loss of $81.4 million. A number of the company's manufacturing facilities were temporarily closed during that period.

In the comparable period in 1980, the company reported net income of $15.8 million. This was before severe downturn in world markets which affected 1980 results.

Victor A. Rice, Chairman and Chief Executive Officer, said that the results were as expected due to depressed market conditions, inflation and high interest rates. The company has continued to operate under strict cash conservation and asset reduction programs.

Land rental rates

NEWARK, Dela. — Rental rates on farmland are a major factor in the profit or loss of a farming operation. Rates very considerably depending on local demand and the quality and productivity of the land.

Although cropland rental rates have shown ups and downs in the last few years, there is a slight upward trend. Farmland rental rates have increased less than the cost of other farm production inputs.

Many factors affect specific tracts of land, so the averages should be used only as a guide rather than a rule. Each parcel of land is different, and a fair rental rate for a given tract may be considerably higher or lower than the average.

Another important factor is the terms of the lease. Some land is leased on a one-year basis, which does not encourage good farming practices, especially maintaining the proper pH and fertility levels, according to Tilmon.

(Turn to Page B4)

FAVORITE

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USDA prepares recommendations on casein

WASHINGTON, D.C. — Imports of casein, a dairy protein, compete with domestic dairy products in some uses and may affect the cost of the federal dairy price support program, according to a study release today by the U.S. Department of Agriculture.

However, it does not appear that invoking import restrictions would substantially reduce the cost of the dairy price support program, said Assistant Secretary of Agriculture William Lesher. Restricting casein imports by the maximum allowed under law would cause some domestic users to shift to dairy and non-dairy alternatives, but would not significantly increase the use of domestically-produced skim milk solids, he said.

Trends in casein use suggest the effect of imports on the dairy program could be much greater in the future, he added.

Lesher said the study was begun in May, 1980 to help government policymakers in the debate on whether imported dairy proteins displace domestic skim milk solids, thus increasing the cost of the dairy price support program.

Casein is a dairy protein used in various food, feed and industrial products. Since the late 1960's, there has been no domestic production of casein due at least in part to federal price supports for nonfat dry milk and other processed dairy products that have made casein production non-competitive, Lesher said.

He said those who favor restricting casein imports have proposed taking action under Section 22 of the Agricultural Adjustment Act of 1933. Section 22 allows imposition of a 50 percent tariff or a quota equal to 50 percent of casein imports during a representative period if it is found that imports substantially interfer with the operation of a commodity price support program.

The report, Lesher said, concludes that under a tariff, the use of domestically produced skim milk solids would not increase, while under a quota, many manufacturers would shift to other non-dairy substitues.

Further, because a 50 percent tariff would not increase commercial disappearance of skim milk solids, it would have no impact on government purchases, Lesher said. A 50 percent quota would cause users to substitute an estimated 10 million pounds of nonfat dry milk and would save the government about $9 million, less than 1 percent of the 1980 dairy price support costs, he said.

Lesher said copies of the report will be given to USDA policy officials and members of Congress for review. But it may be several weeks before any decisions are reached on the casein import question or before USDA is ready to make recommendations.

Major suppliers of casein to the United States in 1980 included New Zealand (50 percent), Australia (12 percent) and European Community countries (28 percent). USDA estimates the United States imported 152 million pounds of casein in 1980, 128 million pounds were used in manufacturing and processing with 24 million pounds added to inventories.

One third of casein imported in 1980 was used in the manufacture of imitation cheese. Other major uses include animal feed and pet food, coffee whitener, industrial uses and bakery goods.

Single copies of the report, "U.S. Casein and Lactalbumin Imports" (report number AGESS 810521) are available by writing the Food and Agricultural Policy Branch, 120 GHI Bldg., ESS/USDA, 500 12th St., S.W., Washington, D.C. 20250.

Egg processor fined

FLEMINGTON, N.J. — A New Jersey egg processor was fined $4,000 in the U.S. District Court in Newark, for violating the Egg Products Inspection Act, according to the U.S. Department of Agriculture.

The fine was imposed on Leo Nemeth, Flemington, N.J., after he pled guilty to processing, selling and transporting 780 pounds of uninspected egg products to a New York City bakery.

Donald L. Houston, Administrator of USDA's Food Safety and Quality Service, said that Nemeth was fined $1,000 for each of the four counts brought against him.

Houston said the Act requires continuous government inspection of any plant processing egg products. To assure that consumers get only wholesome eggs and egg products, all facilities and sanitary practices in the egg plants must be approved by USDA and operations must be under continuous supervision of a licensed government inspector.

Rental rates

(Continued from Page B3)

The Delaware Cooperative Extension Service has three free publicatons which can help you determine the profitability of land rental arrangements.

Fixed and Flexible Cash Rental Arrangements for Your Farm discusses the advantages of fixed and flexible arrangements from the landowner's and tenant's perspective. The publication offers suggestions for establishing a fair fixed cash rental rate.

Crop Share or Crop Share-Cash Rental Arrangements for Your Farm discusses the advantages and problems of crop share arrangements. It includes a worksheet for developing a fair crop share lease arrangement.

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To receive one or more of these free publications, write to Dr. Don Tilmon, Agricultural Hall, University of Delaware, Newark, DE, 19711.

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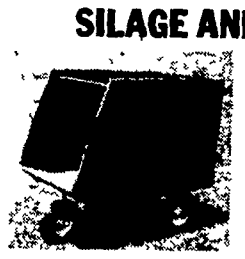

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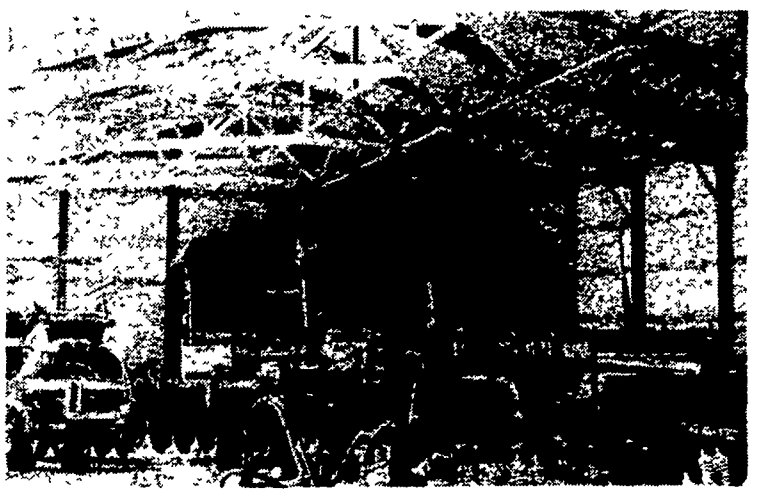

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Cool cows make more milk

COLUMBIA, Mo. — Some shade, fans, and sprayer-foggers could help dairymen save several hundred pounds of milk this summer.

"In most years, dairymen can expect to lose about 400 pounds of milk per cow because of the heat. Last summer in Missouri, production dropped over 600 pounds per cow in many herds," said Barry Steevens, University of Missouri-Columbia dairy specialist.

"Summer stress also causes breeding problems. Cows in heat are difficult to detect in summer, and services per conception will rise from 1.5 to 4 or more per cow.

Steevens said a dairy cow is "quite a mobile furnace we have to keep cool in the summer."

He pointed out that a 1,400-pound dairy cow will give off over 9,000 BTU's of heat per hour — the energy equivalent of a quarter to a half bale of hay each day.

To help cows beat the heat, Steevens had these suggestions:

✓ Give them shade.

"If you build shades, they should be designed to provide 20 to 25 square feet of shaded area per cow. The shade should be 10 to 12 feet high and the top side of the metal should be painted white," said Steevens.

"Shade trees are big help, too—as long as there are enough for the herd and as long as they aren't located on the south 40 a half-mile away from the dairy barn!"

✓ Give them plenty of water.

"A dairy cow normally consumes 20 to 30 gallons of fresh water a day and will drink up to 60 gallons on a hot day," Steevens said.

"Fresh feed and water should be close to the cow. A shaded field bunk is desirable, too.

"Don't allow cows to wade in the farm pond, because this spreads disease and causes many problems."

✓ Cool holding pens.

"First, don't keep dairy cows in the holding pen for over an hour or you'll lose milk production," Steevens said.

"Then do what you can to ventilate the place. Some dairymen have installed 30-to 36-inch fans at the end of the barn to move air out across the holding pen. Others have installed hog fogger nozzles to spray fine mist that the fans blow across the cows waiting to be milked."

✓ Design cool barns.

Free-style barns hould be designed with an open ridge. Steevens recommends a minimum of 6 inches for buildings 40 feet wide. Add one inch for each additional ten feet of width.

"Also have openings along the sides to allow for adequate air movement," Steevens said.

"It's also very desirable to have a radiation barrier underneath the metal roof to prevent radiation of heat down into the barn. A three-quarter inch asphalt impregnated cellotex under the metal is one method of providing insulation which will effectively reduce radiation heat."

Steevens said a number of dairymen have successfully installed a sprayer-foger nozzle to spray fine mists of water across cows in alleyways.

"It's important that the mist does not get the stalls wet and that there is adequate air movement for evaporative cooling," Steevens said.

"Several dairymen who have installed spray nozzles brought their herd production back 20 to 30 percent this past summer.

"One method is to have a large sprayer nozzle rated at 5 gallons per hour which can be turned on and off during the day. A large three- or four-foot fan can help move the air across the cows.

"Research shows that evaporative cooling can add an extra 120 pounds of milk per cow during the summer."

Iron and baby pigs

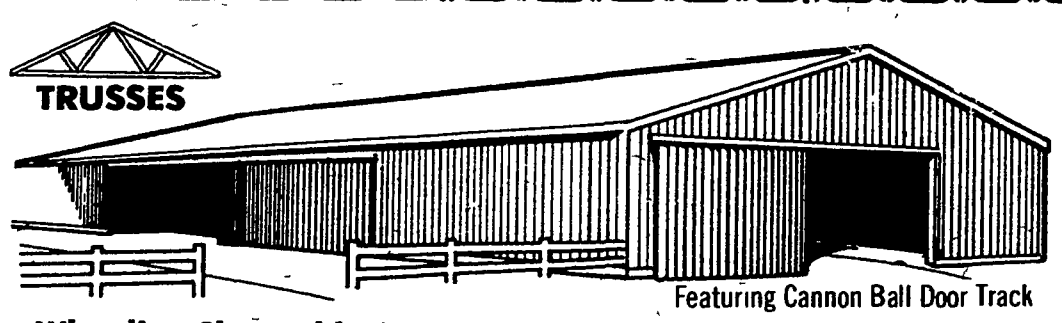
UNIVERSITY PARK — Too much iron in the diet of baby pigs can be a disadvantage in its fight against microorganisms, according to Kenneth Kephart, graduate assistant of Animal Science at Penn State.

Research at Purdue University suggests that the inherent bacteriostatic character of sow's milk is destroyed by the addition of iron. One of the body's normal defense mechanisms against bacteria is an iron-binding system. If we oversupply this binding system, the excess iron may be used for bacterial growth.

Kephart noted, that the study indicated bacterial growth in sow's milk was enhanced with small additions of iron. Further, gut segments form the baby pigs were found to have a higher coliform type bacteria in an iron containing medium.

Levels of iron used in the cultures were similar to that found in the gut when pigs were injected with 200 mg of iron dextran. Additional research into irons effects on pigs is being conducted.

It appears that two smaller iron shots, 10 days to 2 weeks apart, may be more desirable than one large dose, Kephart concluded.



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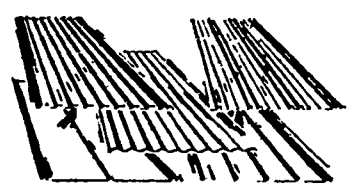

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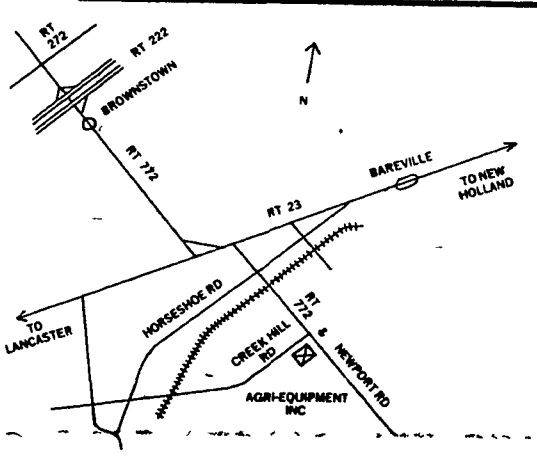

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Processing 'wastes' prove valuable feed stuff

UNIVERSITY PARK — Wastes from factories processing fruits and vegetables could help find large numbers of livestock and dairy cattle in Pennsylvania this summer in case of a drought, says Lowell L. Wilson, animal scientist at Penn State.

Such wastes from fruit and vegetable processing make excellent feed for farm animals, Wilson claims. He and associates in the College of Agriculture have tested several materials for use as animal feeds, including refuse from apples, sweet corn, peas, and tomatoes.

Two other suitable animal feeds, it was found, are chicken litter and wood wastes from the manufacture of tissue paper. The experiments were carried out within the Agricultural Experiment Station at University Park.

While none of these wastes make complete animal feeds, they can be used to extend "standard" forages and grains used in most livestock and dairy cattle feeding.

Several companies in Pennsylvania process and package a wide variety of horticultural and forestry products. In most cases, wastes from canneries and frozen food plants create disposal problems. Thus, the plant refuse is often available to farmers merely for hauling it away.

"Most of the waste materials we have tested are available in various parts of the state," Wilson commented. "Fed to animals during a drought, such plant refuse not only replaces inadequate summer forage but also helps to conserve scarce corn silage, hay, and grain needed for subsequent winter feeding," he explains.

The various wastes have been studied individually, mostly in beef cattle finishing ration. As an example, apple pomace was found adequate to make up 35 percent of a finishing ration as a replacement for corn silage—provided additional protein supplement is fed to balance the cattle diets.

Sweet corn and pea cannery wastes have been used primarily as silage for winter feeding of mature beef cows. In this capacity, they can be used as a complete ration. However, feeding of some hay in limited quantities usually results in better performance and health of beef cows.

One of the most recent wastes materials studied at Penn State was wood fines, which is cellulose with the lignin removed. Wood fines make a high-energy feed for multi-stomached animals (ruminants) such as cows and sheep. These fines are a byproduct from chemical treatment of wood pulp in making tissue paper. The research was conducted in cooperation with a prominent paper company in Mehoopany, Pa.

Wilson's associates in the Department of Dairy and Animal Science have successfully used up to 30 percent wood fines in the diets of dairy cows without a decrease in milk production or its composition. However, wood fines are quite low in protein, it was learned, which means more than normal protein supplement must be fed to produce a protein-sufficient diet with acceptable animal growth and weight gains.

Research carried out at Penn State, as well as findings at other agricultural experiment stations in the U.S., are summarized by Wilson in a new publication, "Handbook of Organic Wastes," by Litton Educational Publishing, Inc., University of Cambridge, England.

The handbook contains 15 chapters on many different aspects of handling and using organic waste materials coming primarily from agriculture.

This research into "recycling" of plant wastes is continuing at Penn State. The team of researchers includes H.W. Harpster in dairy and animal science and Peter Labosky, Jr., in wood science and technology.

These men are currently studying the nutritive value of sawdust from different tree species. They are also examining the feeding value of potato wastes and other horticultural crops not studied previously.

Jr. P. Hereford Assn. plans field day

DOVER — The Pennsylvania Polled Hereford Junior Association will be holding their annual field day on Saturday, June 27 from 10 a.m. to 4 p.m. This year's educational and fun-filled event will take place at the JDH Polled Hereford Farm, located 10 miles west of York.

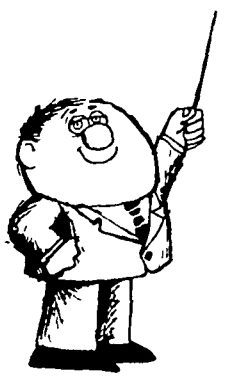
Heading the York County farm's program is County Extension Agent Tony Dobrosky, recognized as an expert in the beef cattle industry.

A fitting and showmanship demonstration will be provided by Tim Livingston and Bill Fairbain. And Terry Shearer, manager of Pigeon Hill Farm (Herefords) will be demonstrating the 'art' of tagging and tattooing, with sidekick Don Sunday displaying his expertise in foot trimming.

The ultimate question — "What are those judges looking for in the show ring, anyway?" — will be expounded upon by Sam Hunter, manager of Huckleberry Hall Farm, Smicksburg, Md. (Polled Herefords). And participants at the field day will get their chance to try their luck in the judge's shoes by taking part in a contest officiated by Don Sunday and Merle Krone.

The grade finale of the day will be the crowning of the 1981 Pennsylvania Polled Hereford Queen.

Prizes will be awarded to the contest winners. And lunch will be available at reasonable cost.



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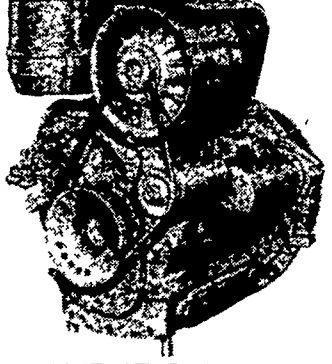

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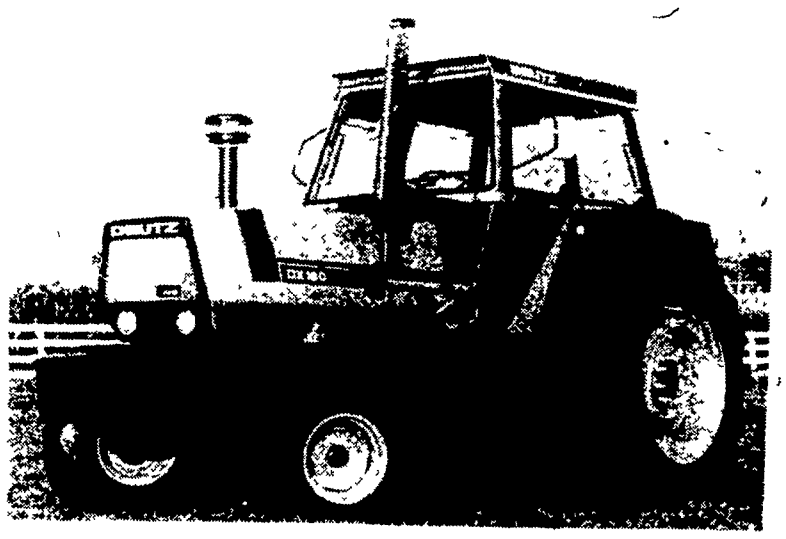

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Rain falls on Austrailia's wheat belt

WASHINGTON, D.C. — Two storms pushed across Australia the last week in May, bringing heavy rains to the wheat belt, according to a weekly report issued by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture. Weekly rainfall amounts were close to normal monthly totals for May.

Highlights of the report follow:

—**Australia.** Widespread soaking rains across the wheat belt provided much needed soil moisture for planting and early growth of wheat. Some replanting may be needed due to localized intense rainfall. The normal planting season extends into July.

—**Canada.** Beneficial showers fell on much of the Canadian Prairies where spring planting is in final stages. Soil moisture conditions are favorable for spring growth in Alberta and Manitoba. Wheat sowing is nearly complete in Saskatchewan with most areas reporting generally good germination and emergence. Southcentral Saskatchewan is the exception, however, with dry soil conditions causing spotty germination.

—**United States.** Near normal temperatures prevailed except for the Southwest and Northeast where temperatures averaged as much as 10 degrees above normal. Abundant rain over the northern Great Plain and southeastern states improved soil moisture and crop development, but delayed both planting in the central and eastern Corn Belt and early wheat harvesting across the southern states. Pasture conditions were improved by showers in portions of the Southwest. Light frost may have further damaged the fruit crop in northwest lower Michigan.

—**USSR.** Fair weather allowed rapid fieldwork progress last week with rainfall mostly limited to the far west, northern crop areas, and southeastern winter grain areas. Winter grains should have adequate soil moisture, but newly sown spring grains in parts of the Volga Valley and Chernozem Region may be somewhat short of moisture as surface soils dry out. Temperatures in this area are just above normal while conditions in western portions of the country were substantially warmer, encouraging rapid crop development. Persistent showers in the eastern portion of the New Lands improved conditions for germination and early growth of spring grains. In the vicinity of Pavlodar, however, conditions are too dry.

—**Europe.** Rainfall increased in many areas, maintained somewhat unfavorably wet conditions in parts of most northwestern countries. French officials are concerned about potential cereal crop damage. Above normal rains in parts of northern Italy and other limited areas, however, were generally beneficial.

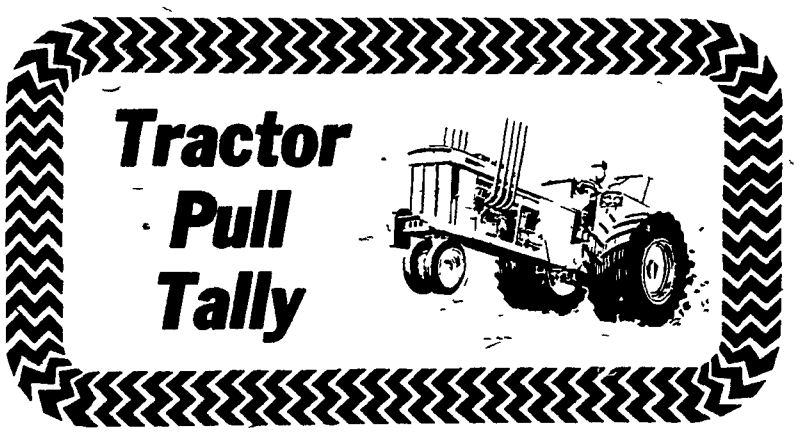
—**China.** Light to moderate rainfall in central Hebei helped late filling of winter grains. Harvesting got underway about a week early in central portions of the winter grain belt which remained dry. Heavier rains returned to areas south of the Yangtze River, but flooding should not have been common since only light rain has fallen in recent weeks.

—**Southeast Asia.** Monsoon rains are well established with daily afternoon showers benefiting agricultural areas.

—**South Asia.** Premonsoon showers increased in Bangladesh and eastern India, while monsoon rains appear to have begun about a week early in southern India.

—**South America.** Most crop areas of Argentina and Brazil received light rainfall. Crop harvests progressed well except in Buenos Aires where wet weather slowed fieldwork. Soil moisture reserves are generally favorable for wheat growth with planting to continue through June.

—**Mexico.** Dry weather continued to stress some crops in the western part of the Southern Plateau and citrus orchards from Montemorelos to Cd. Victoria. Sunny and warm conditions over the northwest and north central regions favored development of cotton, soybeans and other irrigated summer crops.



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1. Zane Forry, York, PA, Hmde/427 Ford, 212.3; 2. Curt Stoltz, Myerstown, PA, Hmde/468 Chev, 209.7; 3. Curt Spickler, Elizabethtown, PA, M44/3-327 Chev, 209.5.

7000 Super Stock

1. Tim Stauffer, New Holland, PA, Deutz 8006, 300.0; 2. Coleman Wheatley, Bethel, DE, JD 4240, 289.3; 3. Dale Smoker, Cochranville, PA, AC180, 255.10.

5800 FWD

1. Dan Fellenbaum, Lititz, PA, 1969 Chev, 280.2; 2. Willie Omps, Winchester, VA, 1957 Ford, 264.5; 3. Edward Hansloran, Morrisdale, PA, 1980 Chev., 250.10.

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1. Ed Brensinger, Lebanon, PA, Hmde/2-468 Chev., 300.0; 2. Mike Hoff, Westminster, MD, Hmde/2-K.B. Hemis, 297.6; 3. David Stockelt, Davidsonville, MD, Ck40/2-429 Fords, 296.9.

9000 Super Stock

Tom Middleton, Ridgley, MD, IH 966, 237.9; Coleman Wheatley, Bethel, DE, JD 4240, 226.4; 3. Harry Griest, Coatesville, PA, IH 456, 216.0.

9,000 Open

1. Mike Hoff, Westminster, MD, Hmde/2-K.B. Hemis, 300/268.7; 2. Ed Brensinger, Lebanon, PA, Hmde/2-468 Chev., 300/265.7; 3. Tom Middleton, Ridgley, MD; IH 966, 300.00.

6200 FWD

1. Robert Smith, Winchester, VA, 70 Chev., 300.0/214.11; 2. Dan Fellenbaum, Lititz, PA, 69 Chev., 300.0; 3. Willard Cahall, Townsend, DE, 79 Ford, 275.4.

PA broiler placements up one percent

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 30 were 2,269,000, according to the Pennsylvania Crop Reporting Service.

The placements were one percent above the corresponding week a year earlier but nine percent below the previous week. Average placements during the past nine weeks were one percent above a year ago.

Placements in the 21 key poultry producing states were 84,994,000, one percent below the previous week but three percent above the same week a year ago. Average placements in the 21 key states during the past nine weeks were four percent above a year ago.

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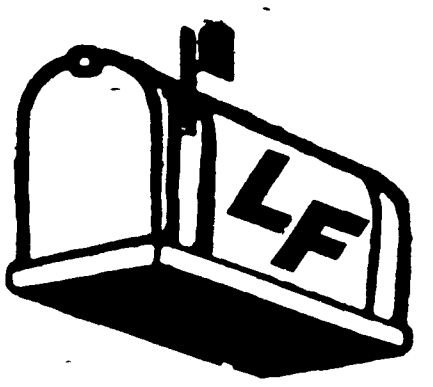

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FARM EQUIPMENT

JD 60 814-793-4293

JD 7' 3 pt hitch sickle mower, excellent condition Eastern Mennonite Home, Souderton, Pa 215-723-9881

For Sale - 15 KW Winco generator, PTO, trailer, excellent condition, best offer over $1000 Chester Co 215-932-2030

For Sale - Skid steer loader, Bobcat model 371, 120 hrs since rebuilt, new tires 814-839 2783 after 7 P M Jack Feather, R D 1, New Paris, Pa 15554

Snap-on Duals, complete with tires, 20 8x38 Never used 717-528-4343

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FARM EQUIPMENT

MF 2500 Fork lift, 14 foot lift, nice clean machine in good condition, $8000 Ph 717-235 2289

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For Sale 656 International hydro diesel, 3 pt NFE, 16 9x38 tires Call after 4 P M Berks Co 215-488-6156

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IH 370, 12" transport disk, 28 disk 9" spacing 717-528 4343

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case

Farmall 300 gas tractor, fully equipped, all hydraulics
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Ford 3400G w/Loader
Ford 801 w/Loader & Hoe
IH 666 D WFE
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH Cub w/mower
AC 5040
AC 160D
AC D17 3 pt.
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Case 630 w/PS
MF 2135 w/Loader
MF 135
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Satoh 650 w/loader
JD 1530
IH 300 Loader/Backhoe

EQUIPMENT

JD 95 bu. Spreader
Ford 4B 3 pt. Plow
AC 4B Plow
Ford 532 Baler
JD 14T Baler
IH 36 Baler w/thrower
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Used Hesston 4800 BIG SQUARE BALER

USED TRACTORS

White 2-70 w/Cab & Loader
Oliver 1850 D
Oliver 1600D Tractor
JD 2510 Gas

USED HARVESTER

NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel

USED EQUIPMENT

Fg. Wagons, J.D., AC, NH, Grove & Dion
Brillion 9' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
MF 4R Planter
IH Cyclo 6R Planter
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 324 2RW Picker
Hesston PT10 Windrower
NH 479 Haybine
NI 272 Cut/ditioner
Hesston 320 SP Windrower
Hesston 1014 Hydro Swing Windrower
SS9 Glencoe Soil Saver
NI 710 Combine
Lely 18' Double Wheel Rake
Pittsburgh 4R Cultivator
Gehl Mixer Wagon w/scales
Hawk Bilt 2155 Roll Top
Starline 3200 gal. Super Tanker w/chisel injector
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

For Sale- tractor, Int hydro 100, almost new, 400 hrs, 215-821 8832 or 215 434 4617

SPECIAL NEW INTERNATIONAL TRACTOR

784 IHC Diesel
67 PTO HP
18.4-30 6 ply rear
Torque Amplifier
Big 13 G P.M. Pump
Less Rops Frame
Special Price
13,660.00

STAUNTON TRACTOR, INC.
Staunton, Virginia
Phone
1-703-885-7261

NEW EQUIPMENT

Call For Special Low Prices!...

NOTICE... Financing On All New Tractors Available- 10% For 3 Yrs. 12% For 5 Yrs.

AC 5050 Tractor, 51 hp, 220 hrs
AC 5050 Tractor, 51 hp
AC 7010 PS Tractor w/cab, air, 20 8x38 tires
AC 7060 PS Tractor w/cab and Air
AC 10' Mtd Chisel Plow
AC 8' Mtd Chisel Plow
AC 5 Bot, 16" Plow, 2000 Series
AC 16½' Field Cult, with hyd fold
AC 2600 Fold Disc, 16'8"
AC 333 Corn Planter, no till & air units
Glenco 9 Tooth Soil Saver
NI 299 Mowditioner
(2) NI 106 Fert. Spreaders, 690 Lbs
NI 116 Fert Spreader, 1380 Lbs
NI 743 Stripper Plate Head, 3 Row Wide

USED EQUIPMENT

AC 7040 PS Tractor w/cab & air
AC D15 Tractor.
IH 450 Gas Tractor
NI 279 9' Cutditioner
Gehl 800 Recutter
JD 38 Harvester w/PU & 2R Wide head
NH 770 Harvester, 2 row wide
Lamco 14' Forage Wagon

USED COMBINES, UNI'S CORNHEADS

AC KKS Gleaner w/10' Head & 330 Cornhead
AC A Gleaner w/10' Grainhead
AC C Gleaner w/440 Cornhead
IH 315 w/13' Grainhead and 2 row Cornhead
MH 82 SP w/10' Header
MH 80 w/12' Header
(2) MF QT 24 Cornheads
NI 702 Uni-Tractor
NI 727 Uni-Husker
NI 723 Uni-Stripper Head (2 row)
NI 729 Uni-Sheller
NI 726 Uni-Husker

ALLIS-CHALMERS

AVCO NEW IDEA

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

FARM EQUIPMENT

FOR SALE

Auto turn carts and five angle scrapers. Reassemble with two bolts

Scrapers $165
Carts $275
with brake
Carts $235
without

SAMUEL F. STOLTZFUS
RD 1 Christiana, Pa.
Box 199 17509
At Bartville

NEW EQUIPMENT

IH 770 disc demo, 10' $4500
IH 435 baler w/thrower $6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine, completely reconditioned $21,000
IH 574 diesel utility, low hrs $7300
IH 544 gas hydro, new engine $6300
Fenders for IH SOLD
Farmall M $1250
IH 706 gas $5500
Case 430 diesel, low hrs. $3000
154 Lowboy A-1 condition $2400.
NH 65 baler w/thrower $400
IH 400 cyclo planter
Oliver 5F 16" plow $1150
JD hayrake $500
IH 35 rake $1300
IH 37 disc $1200
NI 319 picker/sheller bed $3500
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
Roof for 120 forage box $260
IH 550 forage harvester hay & corn head
Gehl forage wagon w/roof $2200
Century Sprayer $650

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

FARM EQUIPMENT

NEW EQUIPMENT

JD 506 Rotary Mower $695
JD 307 Rotary Mower $800
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD 2600 4B 18" Spring Reset Plow $5680
JD 336 Baler w/#30 Kicker $6650
JD F950 12' Roller Harrow $4150
JD 567 Wheel Rake $1275

USED EQUIPMENT

JD 730 Tractor
NH 469 Mower Conditioner
Hesston PT10 Mower Conditioner
JD 507 Gyamor Mower
Woods MC80-C114 mowers
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD 1640 12'6" Disk
JD AW 9'10" Disk
JD 7000 4RN Planter $4995
JD 494 4R Plate Planter
IH 6R Air Planter $3000
Farmhand Loader to fit JD 1010 & 2010
JD 300 Elevator 34'
Brillion 9' Packer
JD 16A Flail Chopper

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

JOHN DEERE

TRACTORS

IH 340 TRACTOR Fast Hitch w/3B plow & Mower

IH 1066, Cab w/Duals
MF 180 Diesel
JD MT
White 2-105
MF 1080

COMBINES

IH 915 w/2 heads
JD 215 Flex Head
(3) JD 444 Corn Head

HAY TOOLS

JD 24T Baler
NH 269 Baler
NH 479 Haybine
Gehl 600 w/heads

TILLAGE

JD 2600 5B Spring Reset Plow
JD 2500 6x18 Plow
JD 1450 5x18 Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
JD 950 12 ft. Roller Harrow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc
JD 1610 PT Chisel Plow
JD 146 Loader

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

FARM EQUIPMENT

JD 2640 w/high low, new tires, 146 loader, 1900 hrs, $11,000 301-724-5126

For Sale - Combine, 1977 Gleaner M2 corn soybean special, hydrostatic drive, 350 hrs, 13' grain head with height control. Asking $35,000 Lebanon Co 717-865 2385 or 865-3128

John Deere 346 Baler w/thrower, excellent condition Parkesburg 215 857-3460

For Sale- 1412 David Brown - Case tractor. 703-867-9326.

HAY EQUIPMENT SPECIALS

NH 273 baler with thrower
JD 24T baler with bale chute
JD 690 hay rake
NH 56 rake extra nice
New Steel Constructed Bale Rack Wagons in Stock
Zimmerman Elevators in stock
NH 479 hay SOLD
Hesston PT1 SOLD rower
Ford Deerborn 3 Pt. Mower 6' Pull type Bush Hog, like new

For your equipment needs call 717-949-3074

MF Massey Ferguson

USED EQUIPMENT

Farmall Super C with Loader
MF 65 Tractor
MF 135 Tractor
MF 1105 Tractor
MF 81 Hay Tender
JD 2040 Tractor with Loader
Used Plows
Used Balers
Used Drills

NEW EQUIPMENT

MF 154-4 Tractor
MF 30B Tractor Loader
MF 230 Tractor
MF 255 Tractor
MF 265 Tractor
MF 2675 Tractor
MF 1050 Grinder Mixer
MF 750 Combine
MF 620 Disk
MF 33 Drill
MF Mowers
MF Plows
MF Rakes
MF 128 Baler
NI Manure Spreaders
Caldwell Shredder
Bearcat For. Harvester
Snapper Mowers

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

MF #12 Baler with thrower, excellent condition Oliver 3 pt. hitch 14" 3-bottom trip plows 717-799-5873

Gehl 800 recutter, good condition, John M. Fisher, 115 Old Leacock Rd, Gordonville, PA 17529

DISTRESS SALE

We are distressed We can't sell these skid loaders at a profit New Holland can't move them so we are giving them away at thousands of dollars under current dealer cost

Call for quotes. Dealers Invited

NH L-778 diesel
NH L-775 gas
NH L-445 diesel

SHEETS BROS.
Hanover
717-632-3660

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS

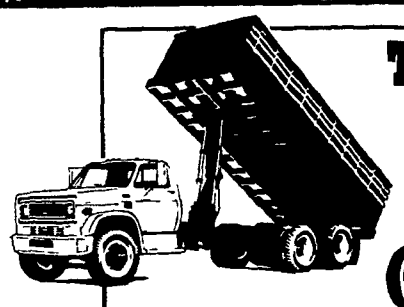
Ford 8600 Dsl.
(2) Ford 8000 Dsl. 1 w/turbo
Ford 5600 Dsl., low hours
Ford 860 Gas
Ford 800 Select-O-Speed
Ford TW30 w/450 hrs.
Ford 9N
Farmall 300
Farmall C w/Plow & Cultv.
(3) Ford 8N's
Farmall Cub Power Unit
2 cylinder Wis. Engine

EQUIPMENT

JD 23' Field Cult. w/3 Pt. Hitch
NH 9' 450 Mower
NH 770 Harvester w/2R Corn Head and Pickup Head, elec. controls
NH Super 717 Harvester w/PU head & 1R Corn Head
NH 1495 SP Haybine
MF 82 Combine w/10' Grain Head & 2RW Corn Head
NH 281 Baler w/thrower
NH 269 Baler w/thrower
Ford 532 Baler w/thrower
JD 336 Baler w/kicker
Hesston 1014 Windrower
N.I. Hay Rake
Lawn & Garden Tractors w/Mowers

ALL WOODS BROS. FORD & NEW HOLLAND OBSOLETE PARTS 50% OFF

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945



Tough, Dependable Farm Bodies & Hoists

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

PARTS VALUE OF THE MONTH

GET MOWER FOR YOUR MONEY!

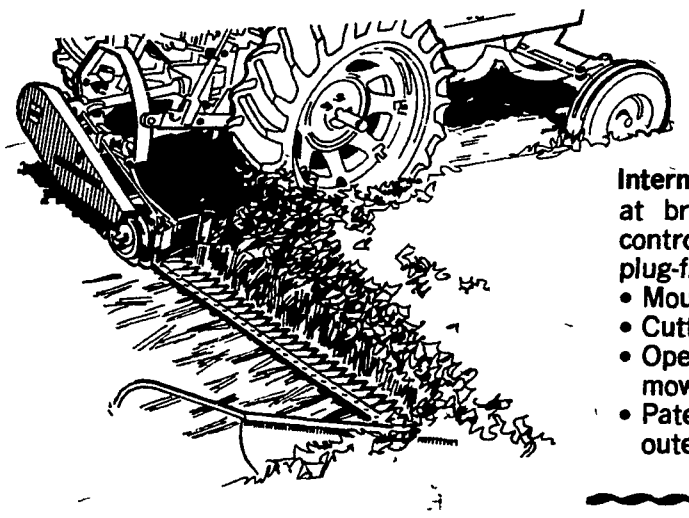
Here's a super-sharp deal for you. Right now, we have special low prices on quality International Harvester mowing parts. You'll save up to 20% off regular IH suggested list prices on guards and sections. And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance. Come in...stock up. Get set to mow and put a slice of the saving action in your pocket at the same time.

STOCK UP NOW AND SAVE!

IH HAY & FORAGE EQUIP. HEADQUARTERS

Your Choice For Mowing...

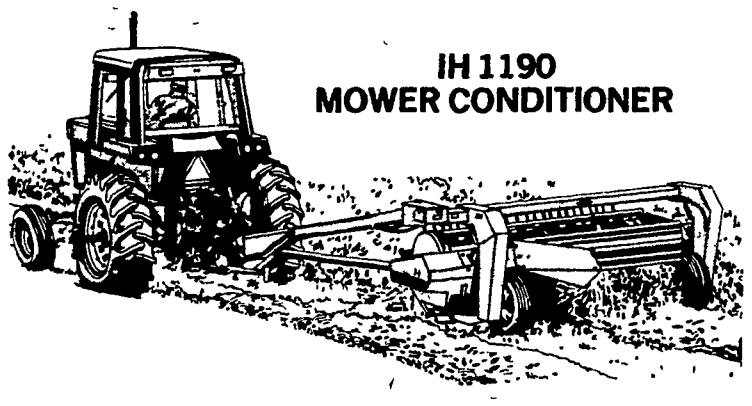
Conventional Cutter Bar Or Mower Conditioner!



Smooth, Fast... And Plug-Free!

International Balanced Head Mowers glide through crops at brisk speeds. Their short, powerful strokes, plus controlled cutterbar vibration, assures clean, smooth, plug-free mowing. Make your choice today.

- Mounted or trailing models, 7 or 9-ft. cutterbars.
- Cutterbar automatic breakaway protection.
- Operates above and below horizontal for all-terrain mowing.
- Patented triplet end knife section stops plugging at outer shoe.



IH 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

- Two sizes: 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life.

International® Twine-Tie Balers

Your choice of three models . . . with 15 to 19 tons per hour capacity

International 400 Series balers offer you more than just capacity With 4,800 lbs. of force behind the plunger, you're assured of tightly-packed, uniform bales that stand up to rough handling. And they're also designed to give you easy servicing, to help you keep going when the crop is ready. Your pick of three models

435T—best choice for most hay crops 65-in. 4-bar pickup with 80 teeth; husky 2-knuckle PTO

445T—offers top performance in hard-to-bale crops such as cane, millet, sudax With 65-in. 6-bar pickup with 120 teeth, gauge wheel. Heavy-duty 3-knuckle PTO.

425T—an economy baler with many of the same performance features found on the bigger capacity IH balers With 61-in 4-bar pickup, 2-knuckle PTO Heavy-duty 3-knuckle PTO optional

Finance plans available.

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED EQUIPMENT

Tractors
Farmall 140
Farmall C w. Cultivator
Farmall M
IH 484 D
IH I-656 Gas Hydro
IH F 560 Gas
IH F 450 D
IH F 986 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 85 Riding Mower
AC D15 w. Loader
IH TD8 Crawler
Oliver 1850

Forage Equipment
IH 16 Harvester w/2 Heads
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 720 Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
Gehl FB 82 Blower
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower
NI Forage Wagon

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Miscellaneous
Century 500 Gal. Sprayer
Snow Blowers For Cadets
Sauder Loader
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
IH 2001 Loader For I 544
NI Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger

Plows
IH 311 mtd.
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
IH 700 6F Auto. Reset
3F Trailing Plow
Fast Hitch 2 way
MF 5F 14" Mounted

Tillage
Dunham 10 Ft. Cultipacker
Howard S.T. 180 Rotovator
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver 253 Disk Harrow
Brillion 16 Ft. S.T. Harrow
McConnel 20' Spring Tooth Harrow with Transport

Combines
IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 429 Corn Head on 403
JD 45

Compact Skid Loaders
IH 4125
Owatonna 1700

Planters & Drills
IH 500 Planter, 6 Row
IH 455 Planter
MF 4 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.
IH 510 16x7 Combination
JD FB 177B Drill, 17x7

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH 115 Mower
M.C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

R.D. 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
PHONE: 717-933-4138

PARTS DEPT. HOURS
Mon.-Fri.
7 AM to 5 PM
Sat. til 11:30 AM

INTERNATIONAL® AGRICULTURAL EQUIPMENT

• UPS SERVICE AVAILABLE

FARM EQUIPMENT

New Patz 350 and 180 bushel manure spreaders with hyd end gate, one of each, priced to move 717-437-2375

1978 Case 350 dozer, power blade 717-689-9617

JOHN DEERE

USED COMBINES

JD 6600 sidehill w/12' platform & 643 or 444 corn head
JD 105 corn special diesel, cab, air w/13' platform, w/634N or 434W corn head
JD 55 gas, square back, cab, air, 12' platform & 235 corn head
M.H. 750, cab, air, 2 years old, like new, 13' platform, flex head Model 63-C corn head

USED BALERS

Model 224T w/throwers
Model 24T w/thrower
Model 14T w/thrower
N.H. 269 w/thrower
N.H. 278 less thrower
N.H. 68 w/thrower

NEW EQUIPMENT

Woods model M5, 5 ft., 3 pt rotary mower $695.00
Woods model M60, 5 ft., 3 pt. rotary mower $795.00
Little Giant 34 ft. elevator $1,800.00
Little Giant 42 ft. elevator $2,200.00

FINCH SERVICES HANOVER, INC.
515 Frederick St.
Hanover, Pennsylvania 17331
Ph. 1-717-632-2345

JOHN DEERE

USED EQUIPMENT
AC 160 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT
JD 7000 6 row conservation planter
Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk
JD 7000 - 12 row N folding planter

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

SUPER SPECIALS - MUST GO!

New Equipment	Sale Price
Hydra Mac 20C Skid Loader	$16,000
1584 D RC tractor	11,900
1684 D utility tractor	12,680
1785 RC tractor	13,800
IH 400 4R cyclo planter	4,500
IH 5100 16x7 comb. drill	3,460
2250 loader (buckets not inc.)	2,550

1986 D tractor*	$26,500
1086 D tractor*	33,000

*Both of these tractors are eligible for a $3000 Rebate from IH if purchased before July 31, 1981.

Used Equipment	
I-574 G tractor	$5,200
Farmall 544 G tractor (exc cond.)	5,800
I-656 D tractor	6,600
John Deere 3010 G tractor w/cultivator side mower SOLD and loader	4,700
New Idea 705 D Uni-System (real bargain) (Combine, cutter bar & 3 row corn head)	19,500
IH 205 combine w/10' grain platform & 2 row corn head	6,600
IH 990 mower conditioner, 9'	1,295
IH 37 baler w/thrower	1,125
John Deere 24T baler w/thrower	1,795
John Deere BWF 15' disc harrow	2,295
IH 55 chisel plow 13' (Good cond.)	1,595
IH 706 4F plow (auto reset)	2,250

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419

FOR SALE

USED TRACTORS
AC B, G, D12, D14, D15, D17's, D19, WD45, 160, 5040, 5050, 170, 175, 180, 185, XT190, 200, 7000, 7030
Ford NAA, 600, 2000, 3000, 4000, 5000
JD 620, 730, 3020
Int. cub, Super A, Super AB, 140, M, Super M, Super MTA, 230, 240, 340, 414, 424, 504, 560, 544, 666
Case 430
MF 135

USED HAY TOOLS

Mower Conditioners:
Hesston PT7, PT10, 1090
NH 477, 478, 479
JD 1207
Cutditioners:
NI & MC 7' & 9' models
40 assorted sickle bar mowers

Side Rakes:
Fahr 3 pt. turbo mower
NH 55, 56, 259
JD 640 w/dolly wheel
NI & IHC
New & Used Fahr & Grimm hay tedders
Balers w/throwers
New NH 310 w/thrower, $5795
Used NH 320, 276, 273, 268
JD 24T
AC 444

Used Forage Blowers
NH, JD, Kools & Papec
Flail Choppers
NH 38, 36, 33
JD 15
IHC 8
Forage Harvesters
NH 717, 718
JD 38
Hesston 7020
AC 780
Large assortment of heads, call for your needs
Used 2 & 4 row 3 pt. cultivators
New 4-row 3 pt. cultivators
New & Used bale racks

USED INDUSTRIAL EQUIPMENT
Bull Dozers
AC 652, 653
IHC 500C
Crawler Loaders
JD 350C
AC HD3, HD4, 655
Tractor Loader Backhoes
Case 580B
AC 615 & 715
Largest selection in the area of new AC tractors & machinery
New Idea hay tools, manure spreaders & corn pickers
Hesston hay & forage tools
Grimm & Fahr tedders
Many of our manufacturers have deferred terms or rebates

Call For Our Deal Before You Buy & Be Pleased

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT

Used Tractors:
John Deere 4520, 4430, 4320 with Cab, 4320 no Cab, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1086 4WD 800 hrs., 1066, 966 with cab, 806, 826, 560, 460, 450, M, H. Allis Chalmers D21, D17. Ford 4000 Gas, 8N & 9N. IH 2400 B series w/400 hrs. 1979 IH 1086 w/Cab & Air & Front Wheel Drive Used 700 hrs. MF 1135, cab, air, duals, used 1000 hrs., AC 210, JD 2630.

Used Combines
John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads.

Used Trucks:
1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1971 International 1800 Cab & Chassis.

Used Plows & Disks:
1450 John Deere 7 Bottom. Allis Chalmers 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow. Kewannee 18' Hyd. Fold Disk. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. John Deere 336 baler. Large selection of Fox choppers & head. Good supply of Fox Parts. New Gehl, Fox & Badger Equip. Used Pittsburg & Nobel field cultivators. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders. Int. 18 disc grain drill, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. Int. 510 21 disc grain drill, like new.

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

JOHN DEERE

Nothing runs like a Deere

THIS WEEK'S SPECIALS
IH 986 w/Cab, Only 665 Hrs.
Waiver of Finance Charger
Till March 1, 1982
JD 1209 Mower Conditioners, $5500
John Deere 7000 No Til Corn Planter

USED FARM EQUIPMENT
IH 986 w/Cab, Only 665 Hrs
Farmall M Tractor
Hesston Forage Harvester w/heads
JD 244 Corn Head for Fg Harvester
JD 215 Grain Platform, like new
NH 880 R2 Head
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
NI Side Rake
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
NH 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4-Row Rotary Mower
JD Hay Crimper
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 No-Till Planter
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
JD 34 Spreader w/ Hydraulic endgate
1970 Ford 1 Ton Stake

FREE FINANCE on New & Used JD Tractors Till March 1, 1982

NEW FARM EQUIPMENT
JD 4440 Tractor, QR & SR
JD 4240 Tractor, 4 Post, Roll Guard
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg. Harvester
NH 892 Fg. Harvester w/Metal Detector
JD 3940 & 3960 Fg Harvester
JD SP 5720 Fg. Harv
JD 336 & 337 Balers
NH 315 & 320 Balers
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 731.
NH 329, 519, 679, & 791 Spreaders
JD 392 Spin Spreaders
JD 450 Spreader
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

CLUGSTON IMPLEMENT, Inc.
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bobcat SPERRY NEW HOLLAND

FARM EQUIPMENT

Wanted - Oliver 77 or 88 in use or for parts Also wanted flatbed semi trailer in good shape, must be able to pass inspection Hagerstown, MD 301-739-8035

FARM EQUIPMENT

Michigan loader model 75A, 4 WD, 1½ C Y bucket, gas engine, dependable, excellent for barn cleaning, bulk silos, hedgerow work, etc Asking $5500, 315-497 0288 eves.

C.J. WONSIDLER BROS.
ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

TRACTORS
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 50
Ford 3000 G
Ford 800
Ford 601 w/Sickle Bar
Ford 9N w/mower
Ford 8N
(2) JD 60
JD B
White 250D "like new"
Oliver 500 D
Oliver 55D
Farmall 460 D
Case 630 w/Loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs
AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC 185 D
AC D17 G
AC WD45 G
AC WD G
AC WC G

MISCELLANEOUS
NI 506 Front end Loader
JD 17 Disc Drill
McCormick 13 Disc Drill

TILLAGE TOOLS
AC 5-B 16" Plow-Semi
AC 4-B Plow-Snap coupling
Oliver 6-B Plow-Semi
Oliver 5-B Plow-Spring Trip
Oliver 4-B Plow-Auto reset
Oliver 3-B Plow - 3 pt hitch
Ford 5-B 16" Plow - 3 pt
JD 2-B Plow-pull type
Oliver 252 12' Disc
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 7' Pull Type Disc
McConnell 16' Transport Harrow
JD 10' Cultimulcher w/Harrow
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator

CORN PLANTERS
AC 600 Air Champ 4-row w/liquid fertilizer
AC 600 4-row
(2) JD 494A 4-row
JD 494 4-row
Farmall 556 4-row

COMBINES
Gleaner K w/grain & corn heads
Gleaner All w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

SPECIAL SALE on USED HAY EQUIPMENT

NH 1469 Self-prop 9' Haybine
Hesston 110 Self- Prop. Haybine
AC 904 ' Mower Conditioner
Meyers 8' Mower Conditioner
(2) McCormick Conditioner
NI Hay Conditioner
IH Hay Conditioner
McCormick #2 Hay Coditioner
AC 303 Baler
NH 271 aler & Thrower
NH 68 Baler
NH 277 Baler & Thrower
NH 273 Baler
NH 479 Haybine
(3) NH 461 Haybine
NH 469 Haybine
MF 81 Haybine
NH 880 Harvester w/2-row corn & pick up heads
(2) AC 720 Harvester w/2-row corn & pick up heads
IH 1-row Harvester w/pick up
Gehl Harvester w/1- row pick up
JD 38 Harvester 30" rows w/pick up & 2-row corn heads
(5) NH 717 Harvester w/1-row corn & pick up heads
NH 717 Harvester w/1-row corn & pick up heads EXCELLENT!!
JD #6 Chopper w/both heads
NH 616 Chopper w/both heads
IH 16FH Chopper w/both heads

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The Sperry New Holland Model 707 forage harvester is an economical, tractor-mounted harvester that features a rugged 9-knife cutterhead, built-in knife sharpener and extra strength all over!

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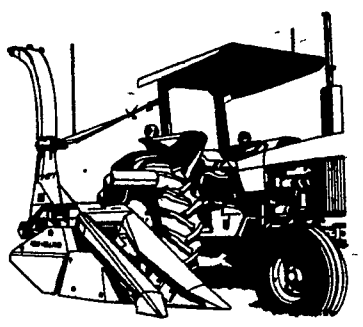

#1 BEST SELLER

The country's best selling medium-duty forage harvester is the Model 718 from Sperry New Holland. You get a fine, uniform cut with low power requirements.

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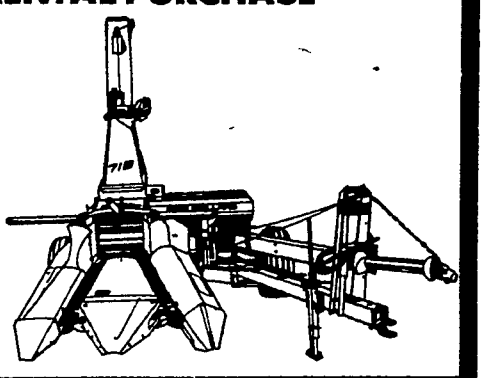
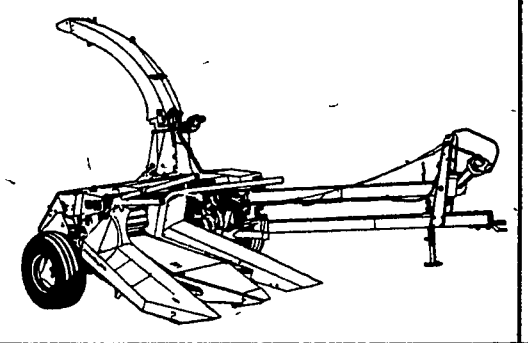


HEAVY DUTY FROM HITCH TO SPOUT.

The Model 782 is built for heavy-duty performance. The 12-knife cutterhead chops uniformly, without a recutter screen. But for special crops and conditions, recutter screens are available.

★ Free Finance until Aug. 1, 1981

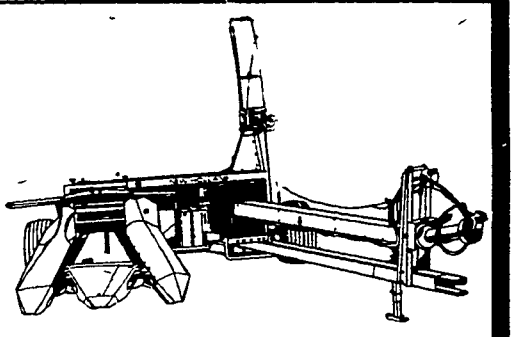


HEAVYWEIGHT

The Model 892 is the biggest capacity pull-type forage harvester offered by Sperry New Holland Built for big tractor horsepower, the "892" will power through the driveline, and be used with tractors up to 175 horsepower

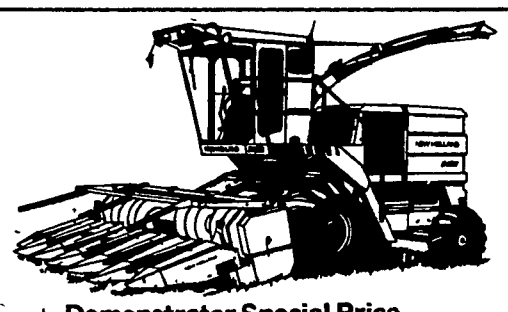
The optional electronic metal detector - a Sperry New Holland exclusive - reduces harvester damage and can cut down on hardware disease.

★ Demonstrator Special Price
★ Free Finance until Aug. 1, 1981



WHOPPER CHOPPER

The Sperry New Holland Model 2100 forage harvester features a 325-hp turbocharged six-cylinder diesel engine The 30-inch wide by 24-inch diameter 12-knife cutterhead features exclusive underbeveled knives that never need rebeveling, exclusive metal detector to prevent harvester damage, and exclusive flip-up feedroll and hinged shielding for easy access The "2100" can be ordered with a six-row cornhead or 14-ft sicklebar - both the largest in the industry The Whopper Chopper is designed and constructed for the ultimate in capacity and durability



★ Demonstrator Special Price
★ Free Finance until Aug. 1, 1981

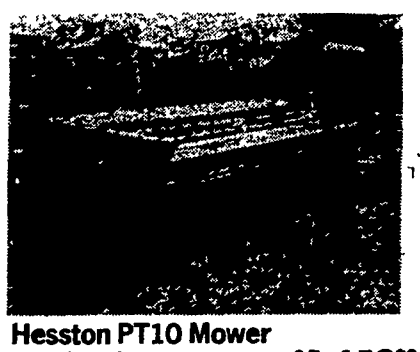
NEW HOLLAND 1890 HARVESTER

With 880 N3 Corn Head
Excellent Condition, Warranty

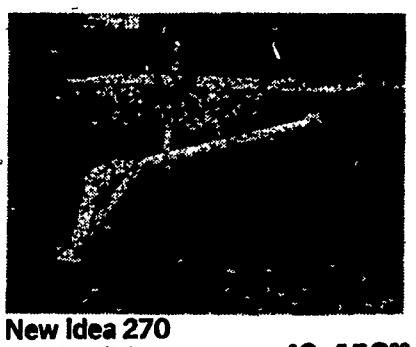
$32,250

★ Free Finance until Aug. 1, 1981

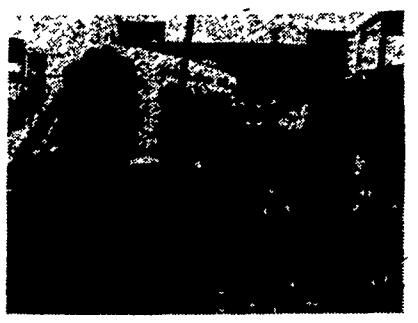
★ BARGAIN HUNTERS SPECIALS ★



Hesston PT10 Mower Conditioner **$1,650.00**

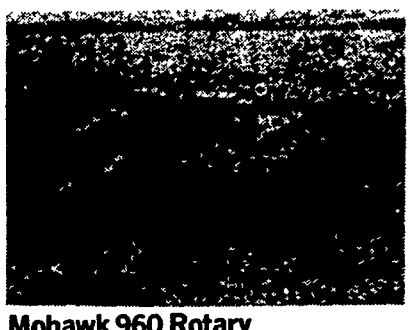


New Idea 270 Cutditioner **$2,450.00**

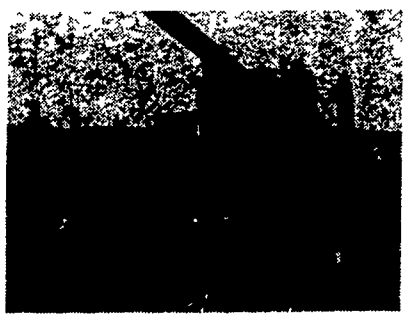


Ford 901G **$3,200.00**

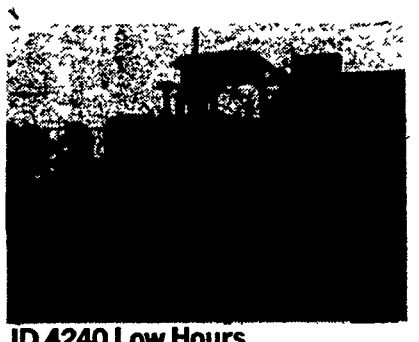
JD 1520G Extra Nice **$4,850.00**



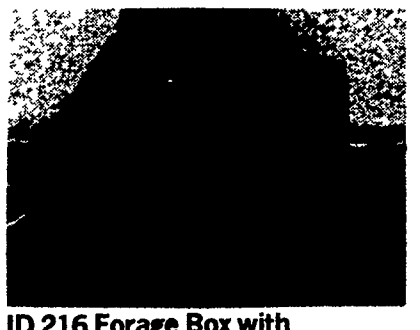
Mohawk 960 Rotary Mower **$1,350.00**



JD 750 Grinder Mixer **$5,800.00**



JD 4240 Low Hours, Duals **$24,750.00**



JD 216 Forage Box with 1065 Gear **$2875.00**

USED BALERS

NH 277 Baler	$3950
NH 68 Baler	$1250
JD 24T Engine Baler	$1995
JD 224T Baler	$2450
NH 68 Baler	$1550
NH 68 Baler	$1500
NH 268 Baler w/Thrower	$2400
NH 269 Baler w/Engine	$2650
NH 271 Baler w/Thrower	$1950
JD 14T PTO Baler w/Ejects	$1250
JD 346 Baler	$3650

USED SPREADERS

NI 213	$825
NI 212	$650
NH 512	$1350
NI 214	$1850
NH 510	$1575
NH 328	$800
NH 518	$1950
NI 213	$1800
JDN	$600
NI 213	$1650

USED HARVESTERS AND ATTACHMENTS

NH Super 717 with 2 Row 717R2 Corn Head	$2250
Fox 3000 Harvester	$1650
NH 1 Row 717 Corn Head	$775
NH 717 Harvester with 1 Row 717 R1 Corn Head	$1150
IH 55 Harvester w/2 Row Wide Corn Head	$1000
Fox 2 Row Narrow Corn Head	$375
NH 770 Snapper Head	$1350
NH 770 Harvester	$2350
Fox Flail Pickup	$395
NH 717S Harvester	$1800

USED MOWERS AND RAKES

Triumph Hi-Way Mower	$1000
JD 25A Flail Mower, Like New	$1250
Bushhog 14' Rotary Cutter	$1800
NH 258 Hydraulic Drive, 9½ Ft. Rake	$1795

USED TILLAGE

JD 9' Spring Tooth Harrow	$450
Brillion LFM 9' Pulverizer	$375
Dunham 10' Packer	$600
JD 350 - 5 Bottom Hydraulic Reset Plow	$3250
JD 1600 - 1 2 ft. Chisel Plow	$1795
Wing Fold AC 18' Field Cultivator	$2250
JD 1630 - 11'7" Disk Harrow	$4250
JD 1100 Field Cultivator 3 point	$1100
Ford 206 - 12', 3 Point. Spring Tooth Harrow	$425
JD 208 Killifer Disk	$450

USED TRACTORS

Massey 165D	$4850
JD 2010 Tractor	$3150

USED CORN PICKERS

NI 323	$3000
NI 323	$2000
JD 237 Mounted	$800
NI 323	$2650
NI 324	$3250

USED PLANTERS AND GRAIN DRILLS

JD 13x7 Grain Drill with Fert. & Grass Seed	$1000
IH 10 Grain Drill	$1250
JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers	$1100
JD 494A - 4 Row Planter	$550
JD 2 Row Tool Bar Planter w/fertilizer	$550
IH 2 Row	$400
JD 494A - 4 Row Plate, w/fert. Insect	$1000
IH 56 - 4 Row Plate, w/fert. Insect	$1350
IH 2 Row Planter	$400
JD 2 Row Toolbar Planter w/fert.	$550

USED MOWER CONDITIONERS

NH 477 Haybine	$2675
NH 467 Haybine	$2350
NH 479 Haybine	$2950

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JD 4430 Tractor
JD 4430 Tractor
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JD 4020 Tractor Side Console w/Cab
JD 4020 Tractor, NF
JD 2640 Tractor w/loader
JD 950 Tractor
JD 850 Tractor
IHC M Tractor
MF 175 Tractor
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 7000 4R Consv. Corn Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
JD FBB 15 Disc Grain Drill
JD B Plane 15 Disc Grain Drill
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
Woods C80 Pull Type Rotary Mower
JD 6600 Combine w/platform
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
Woods RM 306 Rotary Mower
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD 145 6B Plow
JD 1450 5B Plow

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MF 13' grain platform variable speed pickup reel, very good condition

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AC 170 Gas Tractor
AC 170 Dsl Tractor
AC D19 Dsl Tractor
AC D17 Gas Tractor
AC 7000 Tractor
NI 290 mow/ditioner
AC 12' Spring Tooth Harrow
NI 213 Spreader
AC 150 Farm Loader to fit AC D15 Tractor

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Ephrata
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TRACTORS
JD 750 MFWD
JD 850
JD 950
JD 2240
JD 4240 w/SG & QR
JD 4440 w/SG & QR

TILLAGE EQUIPMENT
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD RM4 cultivator

HAY TOOLS
JD 1209 & 1320 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320 Matthews 9E Rotary Scythe
H & H 18' Bale Bodies
NH 1037 Bale Wagon
JD 347 Wire Baler

COMBINES & HEADS
JD 643 Head
JD 6620 Combine
JD 7720 Combine

FORAGE EQUIPMENT
JD 3940 Fg. Harvester
NH 782 w/822 SOLD
NH 8 Forage SOLD
NH 28 Blower

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
JD 34, 40, 450 Spreaders
NH 513, 679, 791 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

2 USED COMBINES
AC K2 w/ 12' Platform
JD 55 w/2 Row Corn Head & 12' Platform

USED HAY TOOLS
2 - NH 275 Balers w/throwers
NH 270 Baler w/chute
JD 24T Baler w/chute
Gehl 600 Forage Harvester w/pickup and 2 row wide corn head
NH 717 Forage Harvester w/pickup
NH 479 Haybine
NH 990 Mower Conditioner
AC 390 Mower Conditioner

USED NH 1495 HAYBINE, FULL CAB, $14,000

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8 KW PTO generator on wheels, $950
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FOR SALE

MF 1100
MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
MF 180 diesel
AC 190XT
Farmall 966
MF 124 baler

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Wanted! Combine, late model, excellent condition, Grain and narrow corn head, trade tri-axle dump truck or 2¾ yd. powershift tractor loader, Cash payment if desired for reasonably priced machine, 215-966-5816 or C Danweber, 180 Schoeneck Rd. Macungie, PA 18062

New & Used Vent-o-Matic fans
4 120' Choretime feeders
Feed bin w/fill system
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30 cast iron radiators
Keyless dial-lock doors
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Large National boiler

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$1900.00

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BADGER
3,000 gal. liquid manure tank
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Persuader Pump agitator for Lagoons
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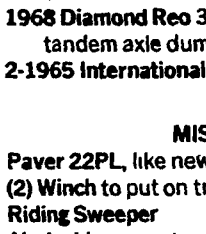

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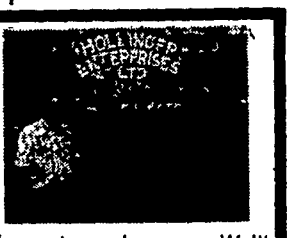


We want your business. We'll do our best to serve you Larry Hollinger, (left) and Lee Dull.

CRAWLER LOADERS

Cat 977H Lever Steer, ready to go	$11,500
Cat 977H w/cab, 90% undercarriage	$12,500
Cat 955K 85J Sharp w/ROPS	$22,500
(2) Cat 955 12A	$6,500
Cat 933G	$7,500
AC HD 6	$4,500
AC HD6G Slant hood, sharp	$8,500
1974 Case 450 Backhoe Loader, sharp	$12,500
JD 450B w/ROPS, Sharp	$13,500
JD 420 Gas, as is, needs work	$2500
JD 350 w/ROPS	$8,500
AC HD4 w/Backhoe, sharp	$10,500
Cat 955H Pedal Steer, sharp	$12,500
IH TD9 w/ripper, sharp, 85% undercarriage	$6500

DOZERS

JD 1010 6 way angle Dsl w/3 pt hitch good	$5,500

BACKHOES

1972 Ford 4500 Dsl w/cab	$9,500
1979 Case 580C w/full cab, 1000 hrs	$20,500
(2) Case 580 excellent, sharp	$7,500
IHC 3500 sharp	$9,750
AC 1850 Super	$18,500

GRADERS

(2) Gradall 2460 dsl U/D	$5,500
AC-45 w/cab (diesel)	$4,500

AIR COMPRESSORS

Jaeger 125	$1,500
Schram, w/50' hose & Jackhammer ready to go	$2,850

ROLLERS

1 ton General, good	$2,500
Rosco, Labatory	$2,500

TRAILERS

New Eager Beaver 15 to 10 ton	Call For Price
Patsco 25 ton drop deck, tandem axle	$4,500
18 Ton General Tag-Along w/air, sharp Like New	$7,500
9 Ton General Tag-Along	$2,950
1979 CMI hyd folding gooseneck, 35 ton, like new	$20,000
35 ton detachable, sharp	$12,500
26' Alum. Dump, Sharp, 54" sides	$7,500

RUBBER TIRED PAYLOADERS

Michigan 35 w/353 Det Engine cab, sharp	$7500
Hough 30	$6,500
Hough HM w/cab, new motor, good tires, ready to go to work	$6,500

TRUCKS

1966 U model Mack single axle dump w/18 ton tag along trailer	$11,500 for pair
1968 Diamond Reo 318 Det. Dsl., tandem axle dump	$6,500
2-1965 International 10 wheel dumps, gas ea	$2,500

MISCELLANEOUS

Paver 22PL, like new, 2 yrs. old	$28,500
(2) Winch to put on truck-tractor	Make Offer
Riding Sweeper	$950
Air Jackhammer to put on backhoe w/attachs.	$1,500
Hobart Welder w/Leeds on trailer	$11,500

FARM EQUIPMENT

For Sale - Single wheel front end attachment with 7 50 x 10 tire to fit Farmall H, $150. Lehigh Co. 215-298-2011

FARM EQUIPMENT

2 bale wagons, 1 IH hay rake Ellis Griffith Rd., Broad Top, PA 16621 814-448-3336 Huntingdon Co.

FARM EQUIPMENT

For Sale - 890 Papec forage harvester, grass & corn head, electric controls, used 4 seasons 1964 Mack dump truck, hauls 500 bu. of corn, excellent condition. Franklin Co. 717-263-2036

NH tank spreader, model 346, right side thrower, big size, almost like new, $2200 or best offer. 717-776-6203

FARM EQUIPMENT

For Sale - JD 483 mower conditioner, Warren Co., NJ 201-852-3815

For Sale - Gehl 115 grinder mixer with rebuilt gear box. 717-865-4932

For Sale - JD 24T baler with ejector, good condition, reduced to $1195, JD 50 side mounted mower, fits 3020 and others $395 717-548-2559

FARM EQUIPMENT

For Sale- JD 4320 w/new rear tires, very good condition, 717-658-7161, 717-658-7079

For Sale- Dearborn model 1923 loader, 2 buckets, new hyd. pump, good condition, 7' 3 pt. scraper blade, heavy duty, like new; also four 8' hole Smidley hog feeders, need work. 717-362-3470.

FARM EQUIPMENT

For Sale - Smoker elevator, 36', 469 haybine, NH 78 baler with kicker, hay rake, two bale wagons 717-838-6440. Lebanon Co.

1979 1070 Case with 18.4-38" tires, completely reconditioned, $13,500 215-869-3714

FARM EQUIPMENT

MH tractor on steel for parts, engine still runs, Continental engine, 4 cyl off Oliver combine, still runs, 717-768-8630.

2 18 4x34 tractor tires and rims off of AC 190XT, 50% tread, 4 7.00x7.60x15 rim and tires, 75% tread, 6 lug, 2 used manure spreader tires and rims, 8 lug 717-768-8630

USED TRACTORS

Ferguson 20 w/ Mower
JD 520 w/ Cultivator
JD 620 Gas
JD 2020 w/loader
JD 1520
JD 4010 Diesel
Oliver 550 Diesel w/Loader
Int. Cub with Mower

USED EQUIPMENT

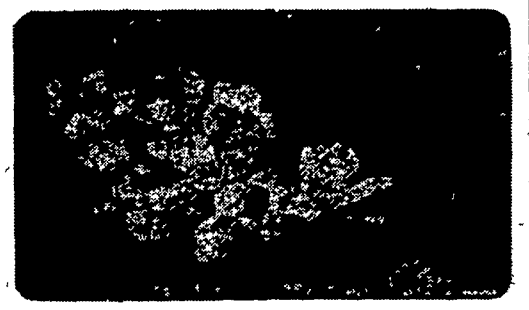
Hesston 1090 Mower Conditioner
N.H. 469 Mower Conditioner
JD 1209 Mower Conditioner
JD 216 Forage Wagon

JOHN DEERE

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

VIEL ROCK PICKER

Shown below is Size No. 60275 with 6' swath & 2¾" tine spacing . . . the 2 Mounting Brackets and Plates with arms are for a 4 cylinder loader (2 tilt cylinders).



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No need to rely on others to pick your rocks - just hookup your Front End Rock Picker anytime and do the work of 8-10 men.

When you are finished just pull the pins or release your QUICK-TACH and set the rock picking assembly aside until you need it again.

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MODEL EG ADAPTS TO ANY LOADER!

- All regular 4 cylinder loaders
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Attaches just like your bucket.

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Backed by over 30 years experience manufacturing rock handling equipment

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Dealer
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USED EQUIPMENT

TRACTORS

- Case 930 Tractor "CK"
- Case 430
- Case 350 Crawler Dozer (New)
- David Brown 990 w. Loader
- White 2-105 Tractor
- Oliver Super 77
- Oliver 1655 Tractor
- AC 175D Tractor

LOADERS

- Case 1537 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer

TILLAGE

- Case Disc Harrow, 10'
- MF 12 Ft Spring Tooth Harrow
- Oliver 2 Bot Trailer Plows
- JD 10' Cultipacker
- Used Cultipacker
- Brady Chisel Plow

HARVESTING EQUIPMENT

- Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
- NI Unisystem 701 Tractor
- NI Unisystem 705 Tractor
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 727 Husking Bed
- NI 323 1-Row Cornpicker
- NI 310 1-Row Cornpicker
- Int. Mtd Picker, 2 Row
- MF No. 61 1-Row Picker
- JD No 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- N.I. 2 Row Narrow Pull Picker
- Hesston 2000-100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper
- JD Chopper

HAY EQUIPMENT

- NH 469 Windrower
- Hesston 1014 12' Windrower
- Hesston PT 10
- Dump Rake
- Side Delivery Rake With Steel Wheels
- New Idea Trailer Mower
- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI 404 Wheel Rake
- NH Rake

MISCELLANEOUS

- Ford 4-Row Corn Planter
- JD 2-Row Planter
- JD 494 Corn Planter 4-row
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 224 10-ton Spreader
- Potato Grader
- NH #354 Grinder Mixer

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MF 750 Combine	Call
MF 550 Combine (4)	Call
MF 540 Combine (2)	Call
MF 15' Grain Head (9)	Call
MF 16' Grain Head	Call
MF 18' Grain Head	Call
MF 13' GrainHead (6)	Call
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Profiteer 15' P.U. Reel (3)	@ $650.00
MF 24 2 Row Corn Head (9)	@ $2350.00
MF 1143 Corn Head(4)	Call
MF 1144 Corn Head (7)	Call

USED COMBINES

MF 750 Hydro w/Grain & Corn	$65,000.00
MF 760 Hydro w/Grain & Corn	$48,500.00
MF 750 Hydro w/Grain Head	$29,000.00
MF 750 4 sp w/Grain Head	$26,000.00
MF 750 4 sp. w/Grain Head	$24,500.00
MF 750 Hydro w/Grain Head	$28,000.00
MF 750 w/Grain & Corn Head	$18,500.00
MF 760 6 cyl 4 sp Grain Head	$25,500.00
MF 760 cyl 4 sp Grain Head	$19,500.00
MF 510 D 3 sp w/Grain Head	2 @ $12,500.00
MF 410 Diesel w/Grain Head	$5800.00
MF 410 gas w/Grain Head	$5700.00
MF 300 Gas, Grain & Corn	$9000.00
MF 410 Gas w/Grain, as is	$1500.00
MF 300 w/13' Grain	$3100.00
MF 30 w/2 Row Corn	$2500.00
White 7300 Gas, Grain & Corn	$17,500.00
JD 4400 Gas, Grain & Corn	$15,900.00
JD 45 Gas w/Grain Head	$1000.00
IH 315 Gas, Grain & Corn	$7900.00
IH 303 Gas, 13' Head	$1790.00
IH 303 Gas, Grain & Corn	$3900.00
IH 141 Gas W/Grain	$2000.00
IH 91 10' w/Cab	$950.00
MH 80 sp 12'	$600.00
NI 710 Combine & Header Unit	$1500.00
JD PTO Corn Sheller	$275.00

WE SOLD 9 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

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MF 1155 8 sp	$11,000.00
MF 1135 M P Less Cab	$9500.00
MF 1085 w/Rollbar, 8 sp	$8200.00
MF 1080 M P, Engine O.H	$6500.00
Case 1370, Cab 1480	$14,000.00
Oliver 1600 Gas	$3500.00
MF 6 hp Riding Mower	$350.00
MF 33 Wheel Loader	$9,000.00
NW 71 Skid Steer Loader	$8,000.00
MF 7 Tractor w/Mower 10 hp	$875.00

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Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

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USED TRACTORS
JD 4430
JD 4020, PS
JD 2640 w/146 loader, like new
JD 2020 G
JD 1010
JD B
IH 400

COMBINES
JD 45 w/10' head & 235 corn head
JD 55 w/12' head & 234 corn head, $2695
JD 55 w/13' head & 235 corn head

HAY & FORAGE EQUIPMENT
JD 22 hay conditioner
JD 1209 mower conditioner
NH 479 haybine
JD 336 baler w/ejector
3 JD 24T balers w/ejectors
IH 440 with thrower, as is, $1200
NI 603 forage box on JD running gear
JD 3800 forage harvester

NEW EQUIPMENT
JD 1207 mower conditioner, $4950
JD 1209 mower conditioner, $6150
JD 506 rotary cutter, 3 pt., $695
JD 3940 forage harvester, less head, $7595
JD 465 flail spreader, $4295
JD 5440 self-propelled 4 wheel drive forage harvester w/3 row head, $46,995
JD 1710 A mulch tiller, 11', $6295
JD 143 loader, $1595
JD 445 flail spreader, $3725

NEUHAUS'ES INC.
John Deere Sales & Service
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Phone - 717-428-1953

NEW TRACTORS

JD 2940
JD 4040
JD 4240
JD 4440

NEW MACHINERY

1 - Century 300 gal. sprayer
1 - JD 660 Spreader
2 - JD 680 Spreaders
JD 2420 Windrower Diesel
JD 235 17' Disc
JD 235 19' Disc
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 950 12' Roller Harrow
JD 950 15' Roller Harrow
Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"

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IHC 100 Hydro Tractor 1974, motor overhauled, & hydro	$15,000
JD 343 Corn Head	$2500
JD 7000 Planter, 6-row narrow	$7995
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
IHC 400 4R Air Planter, 1 year old	$4500
NH 271 Baler	$975
Oliver 520 Baler & Thrower	$975
1-V802 Lely Roterra	$2000
IHC 470 20' Fold Disk Harrow	$2000
IHC 470 Disk 20 ft.	$1500
Massey Disk, 12 ft.	$1200
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IH 560 diesel w/wf, fast hitch, good local trade in
JD 6620 diesel hydro combine, like new, 120 hrs , new in fall of 80.
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IH 550 manure spreader
NH 269 baler
NH 354 mixer grinder, 3 yrs. old, like new
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(2) JD 4400 combines, cab & air, clean
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NI 737 husking unit
JD 4020 D, PS, wf, good clean tractor
Farmall M, like new rubber, exc shape w/new paint
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JD 620, excellent condition
JD 4020 diesel, side console, wf, diff lock, dual hyd , very nice
IH 856 diesel, wf, 38" rubber, 3 pt , clean
MF 65 diesel, wf, 3 pt , PS
NI Uni-System 701 w/combine & 11' head

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Ford round baler
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AC hay conditioner
Ford 535 haybine
MC rotary scythe
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Ford 5600 131 hrs.
Ford 7700 600 hrs.
Ford 3600 64 hrs., gas
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Ford 8000 diesel
Ford 641 side mounted mower
Ford 1700 diesel w/undermounted mower
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MF Fork lift
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Combine
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15' Grain Table
(Demo)
$2500
CASH
BONUS

USED EQUIPMENT

MF 1105 tractor
MF 245 diesel tractor
NH 36 flail chopper
NH 469 haybine
2 PT10 Hesston mower conditioners
Ford 535 Hay conditioner
AC 390 9' 480 haybine
JD 480 9' haybine
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt. rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
MF 468 4 row planter
JD 6 ton running gear
MF 110 manure spreader
Starline tank spreader
JD 4B-16" mtd. plow
MF 74 3B-16" plow
JD mtd. 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/2 heads
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader
IH 2R fast hitch corn planter
IH fast hitch 7' mower

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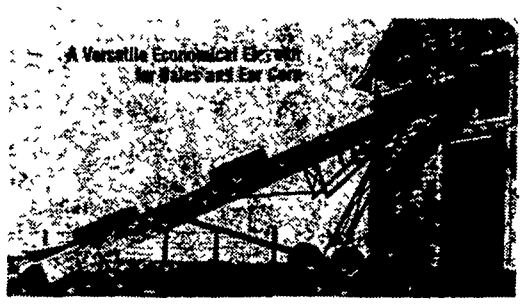

28 ft... $1125 32 ft... $1195
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USED EQUIPMENT

Super M, like new tires, nice	$1550
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NI Wheel Rake, good	750
Nicholson Hay Tedder plus Grimm	700
Portable Welder2 cyl. engine	750
NI Hay Crimpers	from 250 up
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NH 273 baler	1950
NH 455 trailer mower	650
JD rotary mower	575
272 NI cut conditioner	1850
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GB600 Gehl Harvester w/2 row narrow head	1450

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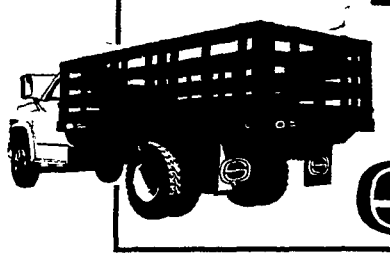
FARM EQUIPMENT



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JD 2520

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AC 333
AC 600 6R
AC 600 4R w/liq. fert.
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JD 1240
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IHC Cyclo

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NH 362 Tank
NH 365 Tank

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NH 495
NH 479
(2) NH 1495 Self Propelled
NI 299
NI 279

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NH L35
JD 1010 Gas Crawler
NH 775 Gas
Ford 4500

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NH 269
NH 282 w/thrower
NH 320 w/thrower

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JD 2440 RU
JD 950
JD 850
JD 750

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JD 6600 w/444 4 RW corn head
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Ford 309 4R plateless w/dry fert. & insect att.
JD 7000 6 RN plateless w/dry fert & insect att
JD 494 4 RN planter
Oliver 4-row plate type w/dry fert att

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(2) JD 3020 diesels
JD 2520 gas
JD 2940
JD 2840
JD 2640 HU D, hi-lo
JD 2440 HU D, hi-lo
JD 2630 HU diesel
JD 2010 gas RC
IHC 656 diesel hydro, exc
Massey 65 w/loader

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JD AW 15' disc harrow
JD KBA 28 disc harrow
JD KBA 24 disc harrow
JD 220, 17'1"
JD F950 12' roller harrow

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JD 15A flail chopper
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach
JD 336 baler
JD 24T baler

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4000D $2250
NAA $2850
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4000D w/Loader $2750
(2) 800 ..... $2500

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1150D $7500
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265D $7750
175D $4850
T030 ..... $1350
Pony w/cult $1500

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1370D $11,000
1030D $5000
(2) 930D ..... $3500 - $5000
1470D 4WD - Cab $13,900
930D CK - Standard $2800
(2) 830D CK ... $4900
930 Standard .. $1850

JOHN DEERE
4430 Cab ... $17,500
4320 ..... $11,500
5020 Cab - Duals $8900
4020D $7900
3020D $6900
(2) 820D $2900
730D $2200
730G $2500
70G $1500
MT $1650
B w/cult - Unstyled $1000

OLIVER
2655 - 4WD .. $10,750
2050 ..... $6900
1950T 4WD ... $7500
1950 GM $7000
1855 - Cab ... $10,000
1850 - 4WD ... $7500
1800 - 4WD .. $7000
1650D $3500
770D $1500

LONG
N 610DT $10,900
N 560DT $8900
560DT $5000
N 360 ..... $7300
N 310DT $7950
N 310C $6750
N 310 ..... $6000
N 510 Crawler $10,500

FARMALL
1086D $14,900
1466D Cab .. $14,900
(2) 1066D Cab. $10,900-$12,900
806D $4800
706D German . $7500
(2) 706D $3900-$4600
(2) 706G $3500-$3900
674D w/Loader $8900
656D $6350
450G $1500
2404G w/Mower $4900
300G $1400
Super A $1500
(2) Cub w/cult .. $1750-$2850
(4) H . $375-$750-$850-950
(2) C ... $1200-$1600
M $900

CRAWLER LOADERS
Cat 941 ..... $16,500
Cat 933 ..... $8750
Cat 933 Swamp $8750
JD 350 ..... $8800
JD 450B w/9300 Hoe .. $14,900
JD 2010 w/4 in 1 bucket $6000
Case 310 ..... $4500
Int 340 Loader & Backhoe $4500
Cat 955H - $9500

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Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset $4000
Wilbeck Offset . $4500
Bush-Hog w/wings new $6700
(2) Int Cubs - Rebuilt $600
(2) JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade - Rebuilt $1800 - $2000
(2) IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
(2) Cub - Used ... $400
Oliver 36 Blade Wheel $1500
(16) 6'6" 3 pt. - New $495

COMBINES
Gleaner CII w/Grain $3500
(2) JD 40's From $1800
JD 45 ..... $1500
IH 203 ..... $2000
IH 715 ..... $10,000
MF 300 Qt $9500

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(2) JD 43 PTO ... $700
MM D PTO $375
(3) NI Grinder for Mtd ..... $350-$750
(5) NI Shellers for Pull & Mtd ... $300-$1000
(6) IH 234 Shellers & 12 Roll Beds ..... $350-$950

DRILLS
Int 13 S Disc $900
Int 17 S Disc ... $1800
Int 18 D Disc ... $2000
JD 17 S Disc $950
JD FBB 135 Disc $1250

HARVESTER HEADS
(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
NH 717 2x30
(2) NH 717 PU
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(6) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

TRAILERS
1969 Great Dane 35 ton detachable .. $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton ..... $1600-$1700
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
New HTRB18 18 ton $5875
(3) New 2 Axle Trailers $1250
1976 Gooseneck 3 axle w/tilt top .. $5000

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab $17,500
(2) JD 310 .. $11,500 & $10,500
Ware Hoe Attach $2750
Case 580B w/Cab Extend A Hoe .. $7900
Case Hoe Attach $2500
JD 9300 Hoe Attach $5500
IH Hoe Attach .. $2250
3 Pt. Backhoe .. $2400
Arps 3 Pt. Backhoe $3000
Int 2504 ..... $5700

CULTIPACKERS
Brillion 9' $175
Dunham 12' $595
(3) 16' packers .. $795-$1250
Brillion 12' Mulcher $1675
Dunham 16' Mulcher $2275

HARVESTERS
NH 717 - 2x30 - PU $2500
AC 720 - 2x30 - PU $1750
IH 650 - 2x30 - PU $2000
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $750

MISC. CONSTRUCTION
Int TD9 Winch ... $500
Davis DH5 trencher New Diesel .. $14,500
JD 420 winch ... $600
New winch $1000
(6) Sweeper attach. From $95
(40) Used hoe buckets ... From $150
(25) Loader buckets .... From $95
New landscape boxes .... From $425
(4) Set forklift forks ..... From $300
Sheepsfoot Roller $1750
Cat D2 Winch ... $400
JD 1010 Winch .. $250
Air Compressor (Garage Type) - Like New
5 HP $1750
4 Cyl Detroit Diesel Powerunit $3250
Mich 35 4WD Loader $8500
Franklin 133B Pack-N-Back Skidder $7750

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw ... $8000
1968 F Mack Sleeper screw .. $2800
1976 Ford 7000 Louisville single $9950
(2) 1974 Ford Louisville single $9500
Int Emoryville .. $1700

CORNPLANTERS
(2) IH 6X Air - Liquid $2500
(2) JD 290 Pull .. $595
Ford 4X w/Gandy $1000
2x3 pts $295

CHISEL PLOWS
Athens 13' pull . $1575
Glenco 9' Soilsaver $3400
(8) Field Cult. - ..... From $795

CABS
New All Season For 930 & 1030 .... $1700
New FV For IH Combines $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF $2000
Used For JD 45 Combine $600
Used For IH 203 Combine $800
Used For NI Uni System $900
Used for 1750 Oliver $500
Used For 4020 w/Air $900

5 FOOT 3 PT ROTARY MOWERS $495.00

CORNPICKERS
NI 12 Roll Mtd. (319) $3500
NI 12 Roll Mtd. (305) $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) $1350
Oliver #5 1 Row . $395
NI #10 ..... $895

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S. New Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R.-New 26' Jerr-Dan Rollback Heavy Duty .. $21,750
1968 Int. Diesel - 24' $8500

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

PLOWS
White 6x18 Reset $5000
(2) JD 5x16 semi mtd ..... $900-$1350
JD 5x16 Pull $975
(40) 1X to fit small tractors
JD 1450 6x16 .. $2150
JD 1450 6x16 .. $2950
JD 1450 6x18 .. $3350
IH 720 5x20 Reset $5000
White 348 3x16 Reset $1850
(3) JD 2600 4x Reset New $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset .. $6000
1x-2x pulls on stock
Lot of 3x and Smaller Plows
MF 3x Rollover . $1250

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel ... $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel ... $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent $4500

FORKLIFTS
Ford 30' Diesel $12,500
JD 2010 ..... $5950
Int 340 ..... $4950
Yale 3000 Lb ... $3950

CULTIVATORS
(2) MH 1X
(2) JD 1X
(4) JD 2X
(2) JD 4X
(13) IH 1X
(4) IH 2X
(2) IH 4X
(5) AC 1X
(5) AC 2X
(3) Ford 2X

SKID STEER LOADERS
Case 1740 Diesel $6800

HAYING TOOLS
JD 336 Baler w/Kicker $3900
(2) Chopper Attach For Baler $475
(2) Elevators $695
NH 479 Haybine $3000
NI Cut-Dutioner $1800
Gehl Haybine .. $1250
Hesston 10 Stacker - Nice $3000
JD Stack Mover $1850
(2) Hesston 10W Mover $750
NI Rake $595
AC Rake $795

FLAIL CHOPPERS
JD 16A $1500
NH 36 ..... $2000
MC $695
AC 56F $395

NI UNI SYSTEMS
702 Tractor
(2) 701 Tractor
727 Husking Bed
(4) 2x40 Cornhead
(6) 3x30 Cornhead
(3) Combine
(3) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

NEW MACHINERY SPECIALS

4' 3 Pt. Rotary Mower	$485
4' Pull Rotary Mower	$675
5' 3 Pt. Rotary Mower	$495
5' Pull Rotary Mower	$695
6' 3 Pt. Rotary Mower	$695
6' ull Rotary Mower	$795
5' Free Stall Scrapers	$450
6' Free Stall Scrapers	$475
Landscape Boxes - Same As Above	
3 Pt. Boom Poles	$60
7' 3 Pt. Peg Harrow	$395
10' 3 Pt. Peg Harrow	$495
14' 3 Pt. Peg Harrow	$595
3 Pt. Fertilizer Spreaders	$395
6' 3 Pt. Landscape Rakes	$495
1 Row 3 Pt. Marker	$175
2 Row 3 Pt. Marker	$265
6' 3 Pt. Blades TEMP. SOLD OUT	$195
7' 3 Pt. Blades	$245
8' 3 Pt. Blades TEMP. SOLD OUT	$285
12" Post Hole Digger TEMP. SOLD OUT	$495
6'6" 3 Pt. Disc	$495
1 Bottom 3 Pt. Plow	$295
2 Bottom 3 Pt. Plow	$450
1200 Bu. Corn Cribs	$795
4'x8' Utility Trailer TEMP. SOLD OUT	$395
3 Pt. Woodsaws	$875
"0" Category Tools 3 Pt. Disc	$295
5 Ton Wagon TEMP. SOLD OUT	$450
6 Ton Wagon	$475
8 Ton Wagon w/8" Rims & QL Tongue	$650
10 Ton Wagon w/8" Rims & QL Tongue	$725
12 Ton Wagon w/10" Rims & QL Tongue	$925
11 Ton Wagon w/Tandem Axle	$895

MISC. MACHINERY

Long RollBars ... $300
NH 352 Feed Mill .. $2850
Manure Spreaders
Snow Plows
Side Dressers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows ..... $75 per section
Spring Harrows ..... $75 per section
1 Row Potato Digger $295
Kools Recutter .. $975
Lime Drill $295
(2) Rotary Mowers - Approx. 14' ..... $1800-$3500
Long 72" Rotovator - New $1695

DUALS (HUBS EXTRA)
18.4x38 JD Axle $1500
18.4x34 Axle ... $500
16.9x38 Axle ... $750
(7) 18.4x38 Axle $575 - $675 - $750 - $775 - $900 - $975
18.4x38 Factory Axle MF ..... $1000 ..... $1350 - $1500
15 5x38 Snap On $450
18.4x34 Snap On $650
18.4x38 Factory Oliver $1350
18.4x38 Factory Ford Axle - New $1800
Lots Of New Duals On Stock

TARP SALE

REG.		SALE
5'x5'	18.95	$ 9.50
5'x7'	20.95	10.50
5'x9'	25.95	13.00
8'x10'	35.95	18.00
9'x10'	39.95	20.00
10'x12'	45.95	$23.00
10'x14'	55.95	28.00
10'x16'	65.95	33.00
10'x18'	79.95	40.00
10'x20'	99.95	50.00

FARM EQUIPMENT

Farm Equipment
Repairs
& Hauling
Major Overhauls
General Repairs
Call
JOHN HOOVER
RD 2 Reinholds, PA
south of Adamstown,
½ mi. off Rt. 222 on
Witmer Road
215-484-2695

7700 JD combine w/4 row corn head, wide row, 15' grain platform, 1135 hrs.
$39,500
O.D. BARNETT & SONS
RD 3, Boswell, PA
814-629-5009

New Equipment

Tag		List	Cash & Carry
1159	H Lely Broadcaster	$1010	$ 895
1829	8 ton wagon chasses w/telescoping tongue		595
	Jet Hoist for pickup truck only	1095	695
1252	519 NH box type manure spreader	4458	3807

Used Equipment

1575	LA JD tractor w/ plows & culti.	1800	1600
1063	TO20 Ferguson tractor	1800	1500
1820	2000 Ford tractor w/loader	4500	4150

Ford Tractors Equipment

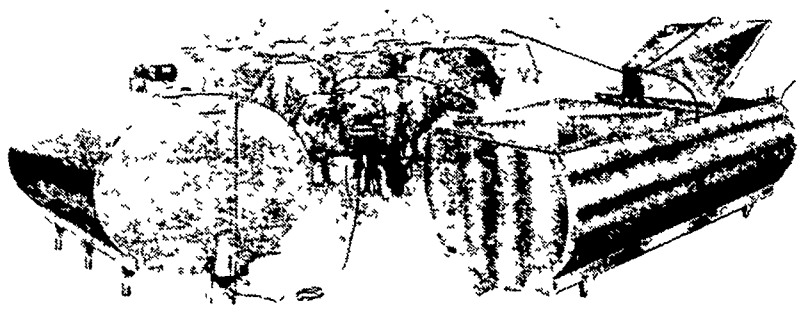
EDWARDS FARM EQUIPMENT
291 W. Moorestown Road,
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

MUELLER Milk Coolers®

ATTENTION DAIRYMEN

June is dairy month

If you're in need of a bulk milk cooler, the Paul Mueller Co. has got it. The Mueller bulk cooler is constructed with 100% stainless steel by professional craftsman. No black metal is used. No metal to metal contact between inner liner and outer jacket. No inner metal bracing to corrode.



IF SPACE IS A PROBLEM...
in your milking parlor the Model OH' can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge

Superior cooling, automatic washing, and free hot water are only three of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!

USED TANKS
- Used 500 Gal. Sunset
- 800 Gal. Girton
- 300 Gal. Jamesway
- 500 Gal. Girton

★ We specialize in our own Installations. No subcontracting involved, we deal directly with you.
★ We guarantee our installations for 1 full year unconditionally, and guarantee our service work. We repair parts rather than replacing parts if at all possible.

JUNE DAIRY MONTH SPECIAL:
10% OFF ON ALL PARTS

For More Information
Contact Your Authorized
Mueller Dealer
Sult's Refrigeration Service
Off Rt. 340, 1 Mile East of
Intercourse on Hatville Rd.
RD 1 Gordonville, PA 17529
★ 24 HOUR SERVICE
PH: 717-768-8555

BEFORE YOU BUY - CHECK OUR PRICES

CLIP THIS COUPON & MAIL TO
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
☐ Send More Information ☐ Have Representative Call
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

BIG REBATES

Effective May 11 to July 31, 1981...

TRACTOR MODELS	IH RED* POWER $	CASH REBATES
986 1086 1486 1586	4 500 6 000	3 000 4 000
3388 3788 3588	7 500	5 000
4386 4786 4586	10 000	7 000

COMBINES Or Choice Waiver to 9-1-81		
1440 1460 1480	5 000	3 500

IMPLEMENTS	IH RED* POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

TRACTOR SPECIALS...

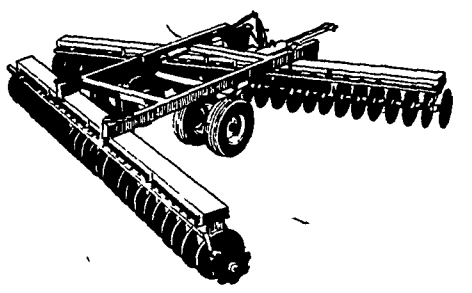
IH 1086 Diesel, Cab & Air, 24.5x32 Radials, Fully Equipped With Front & Rear Weights, Current List $43,383.84 . . SALE ~~$32,500~~
• **With $3,000 Rebate...Your Cost . . $29,500!**
IH 186 Diesel Hydro, Cab & Air, 18.4x38 Radials, Fully Equipped With Front & Rear Weights List $40,937 . . . . . SALE **$31,750**
85 Diesel Hydro, With ROPS, 2nd Valve, Current List $24,687 . . . . . SALE **$19,900**

SPECIAL...
Preferred Customer Rebate on 1420 Combine
$7,000
Call For Details

- 4586 Diesel, 4 Wheel Drive - Old Price!
- 3788 Diesel 2+2
- 986 Diesel • 584, 684 Tractors

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981

TILLAGE:
735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. rEset
596 Disc Harrow, 22'5" (13,500 lbs.)
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price!
415 Packer Mulcher, 13', 12' & 10'
6013 13' Consertill
5513 13' 3 Pt. Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding



CULTIVATORS
★ 183 4-Row Wide Vibra Shank Cultivator
★ 183 6-Row Narrow Vibra Shank Cultivator

Early Riser Planters
Faster, earlier planting... early rising crops.

PLANTING EQUIPMENT:
★ 5100 Grain Drill, 24x6 with Ga. Wheels
★ 800 Early Riser Planters, 4-Row Plate & Air

SPRAYING EQUIPMENT:
400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd. Brakes - $3525!

MISCELLANEOUS:
(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders
IH 5000 Diesel Windrower With 12' Head OLD PRICE!

CASH PRICES ON IH BALER TWINE!

IH 7200 Sisal	$27 Per Bale
IH 9000 Sisal	$28 Per Bale
IH 7200 Plastic	$21 Per Bale
IH 9000 Plastic	$19.95 Per Bale

• 10 Bales or More — Less 50¢ Per Bale!

PARTSMART

GET MOWER FOR YOUR MONEY!

Here's a super-sharp deal for you Right now, we have special low prices on quality International Harvester mowing parts You'll save up to 20% off regular IH suggested list prices on guards and sections And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance Come in stock up Get set to mow and put a slice of the saving action in your pocket at the same time

STOCK UP NOW AND SAVE!

• UPS Service Available

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545

INTERNATIONAL® AGRICULTURAL EQUIPMENT

We're An "XL" Dealer!

Ph: (215) 367-2169
Summer Hours:
Daily 7-5; Fri. 7-9
Sat. 7-4

TRIPLE H EQUIPMENT

VERMEER — Vicon

Peach Bottom, Pa.
717-548-2640 or
717-548-2094

NEW EQUIPMENT

3 - WRIGHT RAIN manure pumps and sprinklers
3 - 5 wheel 3 pt. Vicon Rakes
2 - 6 wheel trailer Vicon Rakes
1 - 15' Vicon Power Harrow
1 - KM 240 Mower Conditioner
1 - OM 240 Mower Conditioner
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment
for water or manure.

Just Arrived...
VERMEER MOWER CONDITIONERS

SPECIAL ON
SORGHUM-SUDAN SEED $22.00/Unit

USED EQUIPMENT
Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere #1209 Mower Conditioner
John Deere Single Chain Bale Elevators
2 - Bale King Wagons
Farmhand Wheel Rake
Vermeer Twin Rake
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

ANVILLE BODY CO.

P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

GOOD USED EQUIPMENT

Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
Used NI #279 cutditioner, like new
JD 13x2 grain drill, double disc openers good condition
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
IH 4120 Skid loader w/2 bu SOLD
F-140 w/cultı., ldr., plow, & mower, exc. cond.
Good used lawn tractors

AMCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.

Rd 2, New Ringgold, PA
717-943-2367

NEW IH SPECIALS

	Sale	Less Red Power $ Rebate
720 harvester w/hay pickup	$6922	$5602
425 baler	$4452	$3727
1300 7' mower	$1550	$1350
35 hyd. rake	$1865	$1665
1190 mower cond., 9'	$6200	$5475

NEW EQUIPMENT:

800 Early Riser plate planter	In Stock
200 2-row cultivator	$950

USED EQUIPMENT:

Ford 740 tractor w/loader	$1975
504 gas tractor	$3800
JD 4020 tractor	$11,800
340 tractor	$1,950
460 tractor	$3,250
2001 loader	$650
NH 469 baler w/thrower	$1650
IH 710 7x18" plow, on the land hitch	$5500
IH 470 disc, 17' folding	$4000
IH 4x14 trail plow	$375
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
Gehl FB88 forage blower	$575
IH 990 9' mower cond.	$2250
Pincor alternator with trailer	$1495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$17,500
IH 715 diesel combine w/cab, 13' platform, 844 4x30 cornhead	$28,000
Brillion cultipacker, 10'	$475
NH table blower	$275

INCH EQUIPMENT CO.

Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U.P.S. Service Available

SPERRY NEW HOLLAND

USED EQUIPMENT
AC 500 Series 4 Row Cornplanter
Fox Super D SP Dsl. Harvester w/2R Head & Pickup
Hesston PT10 Haybine
Gehl Mower Conditioner
NH 325 Skid Loader
NH 30' Elevator
NH 315 Baler w/thrower, (Demo)
Used Discs

USED TRACTORS
Ford 800 Series
Ford Jubilee
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
AC 4R Rolling Cultv.
AC 4R Reg. Cultv.
NH 800 Spreader

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

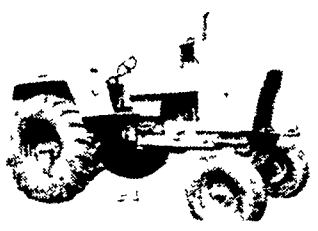
NEW TRACTORS
AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

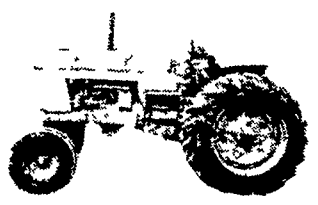
June is dairy month

A1 TRACTOR SPECIALS FOR JUNE DAIRY MONTH

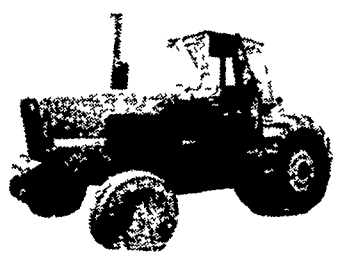
Buy a used tractor today with no finance charge or payments till January 1, 1982; minimal down.



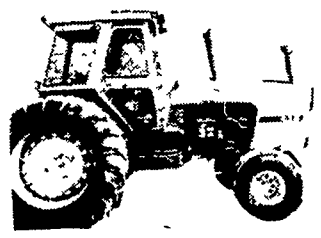
CASE 1090 power shift 110 H.P. rebuilt trans. 20.8x38 tires.
$12,500



IH 1066 Hydro 125 H.P.
18.4x38 tires
$12,500



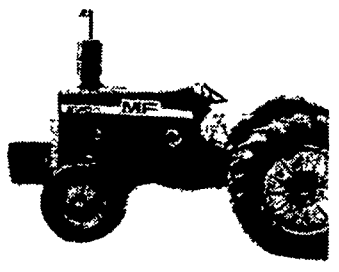
AC 7080 cab-air-heat
180 H.P. Hi-Lo
24.5x32 tires, 1000 hrs
$25,000



AC 7040 cab-air-heat,
140 H.P. power shift
20.8x38 tires
$21,000

CASE 990 53 H.P.
like new, 176 hrs.
$8500

CASE 1210 65 H.P
rebuilt
$5900



MF 230 Gas
35 H.P. 8 Speed
Only 98 hrs
$6900

SPECIALS ON NEW EQUIPMENT

NEW IDEA 299 MOW-DITIONER, DEMONSTRATOR	DEMO. KNIGHT 12C BIG AUGGIE MIXER FEEDER ELECTRONIC SCALES	NEW WHEEL RAKES	GEHL 1600 ROUND BALER
$3995.00	$12,350	$850	$7900.00 Waiver of Finance Till Sept. 1, 1981

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 230 G
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
DB 990
Jubilee NAA
MM Jet Star 3 diesel

LOADERS
Case 1816
Case 1845 G
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
J.D. 65 blower
N.H. 1880 SP
JD 216 box

MISCELLANEOUS
Wetmore grinder
Ford 101 plow
Hesston PT 10
JD 700 grinder-mixer

NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case — AVCO NEW IDEA — GEHL Gets into your system — BUSH-HOG

Badger — OMC — AVCO NEW IDEA

SPECIAL PRICES ON ALL NEW & USED EQUIPMENT

TRACTORS

IHC 15 Cub Low Boy w/Mower
IHC Cub Cadet Tractors w/Equipment all Horsepowers
Farmall Super C w/Cultivators
Farmall M
Farmall F300
Farmall H w/cultivators
Farmall M on steel
Farmall 400
IHC 330 Utility
IHC 544 Gas Tractor
IH 544 Dsl. Hydro.
IHC 574 Dsl. Tractor, 913 hrs.
IHC 606 Diesel
IHC 656 Diesel
IHC 706 Diesel
IHC 706 Gas.
White 2-105
Case 830 Diesel
JD 1520 Gas
Ford 801 Diesel
David Brown 995 Diesel
Minn. Moline 5 Star Gas
MH 44
Case 450 Diesel Crawler w/hyd. blade

USED EQUIPMENT

IH 46 Hay Baler
NH 69 Hay Baler w/thrower
NH 269 Hay Baler w/thrower
IH 225 SP Windrower w/cab
IH 990 Windrower 9'
OMC 22 Windrower 9'
NH 479 Windrower 9'
Hesston 1014 Windrower 12' swing tongue
NI 270 Cut/ditioner 7'

Fox 3000 Forage Harvester
Fox 1000 Forage Harvester
Fox IF 546 Forage Harvester
Fox 6P Hay Pickup
Fox 109 Hay Pickup
Fox 476 Hay Pickup
Fox 1 Row Corn Head
Fox 2 Row Corn Head

IH #16 Forage Harvester
IH 350 Forage Harvester
IH 650 Forage Harvester
JD #16 Forage Harvester
IH 6' Hay Pickup
IH Cutter Bar Head
IH 1 Row Corn Head

IH 2 Row Corn Head
Brady 722 Flail Chopper 72"
Brady 608 Flail Chopper 80"
Bearcat 72A Flail Chopper 72"
NI 702 Unit Power Unit Gas
NI 702 Uni Power Unit Diesel
NI 711 Grain Head
NI 713 Grain Head
NI 720 2 Row Corn Head
NI 725 3 Row N Corn Head
NI 734 3 Row W Corn Hed
NI 738 4 Row N Corn Head
NI 762 2 Row Corn Head
NI 710 Combine Unit
NI 726 Husking Bed
NI 729 Corn Sheller
NI 760 Forage Harvester

IH 205 Gas Combine w/13' Grain Head & 2 Row Corn Head
MF 335 Gas Combine w/8' Grain Head
MH 26R7 Gas Combine w/10' Grain Head
Oliver 17 Pull Type Combine
AC 66 Pull Type Combine
NH Pull Type Combine

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment

CHAMBERSBURG FARM SERVICE, INC.

975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

FARM EQUIPMENT

FARM EQUIPMENT

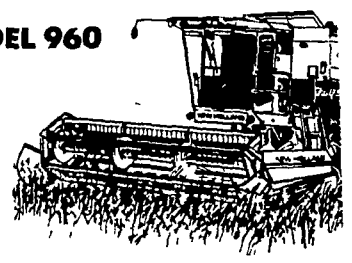
Farmall 1206, 806, 656, 706, 544, 460, 856, 300, 240, 130 M, C, Super A's & Cubs with Cult & Mowers John Deere 5020, 4020, 4010, 3010, 3020, 2510, 730, 1020, 70, 60 & 50 Oliver 1955, 1950, 1850, 1800, 1355, 2150, 1650 & 1250 Moline G1000, 670, 705, 445 & 5 Star Ford 9000, 8000, 7000, 6000, 5000, 4000, 800, 8N & more Case 1030, 930, 830 & 800 Allis Chalmers 170, D19, D17, D14, WD, G with Loader B's with cult & Plow MF 1080, 1130, 180, 165, & 50 Deutz 5006 & 5005 Crawlers, Loaders, Backhoes, Tractors, Skid Loaders, Pay Loaders, Trenchers, Fork Lifts, Graders, Stone Pickers, Rotovators, Loader Buckets & Farmhand Blurr Mills Disc Harrows, Cultipackers, Chisel Plows, Cultimulchers, 2-4-6 row Cultivators, Grain Drills HAY EQUIPMENT 7 & 9 ft Hay Bine, Mowers, Rakes--Farmhand, N H & Int, Cutditioners, Crimpers, Fluffers, Balers, Elevators, Blowers, Rotary Scythe, Harvesters, Choppers New 5' 3 Point Rotary Mowers @ $485 00 Corn Shellers, Milk Tanks Hundreds of Tractors and lots of Equipment not listed

KEENER EQUIPMENT CO.
Intersection of
Rts. 72 & 283
Lancaster, Pa 17601
Phone: 717-569-9861

The Time Is Right... The Price Is Right!!

New Equipment Special...

NEW MODEL 960 NH GRAIN HEAD



...For TR 70, TR 75, TR 85 or TR 95 NH Combine, 13' direct cut header with 13' floating cutter bar, 13' hume, HC heavy duty 6 bat pickup reel and 13' protection plates. Above complete, ready to install on combine...

NEW HOLLAND

$3,895

• Stop In or Call •

Sales & Service On:
• Ford • New Idea • New Holland •

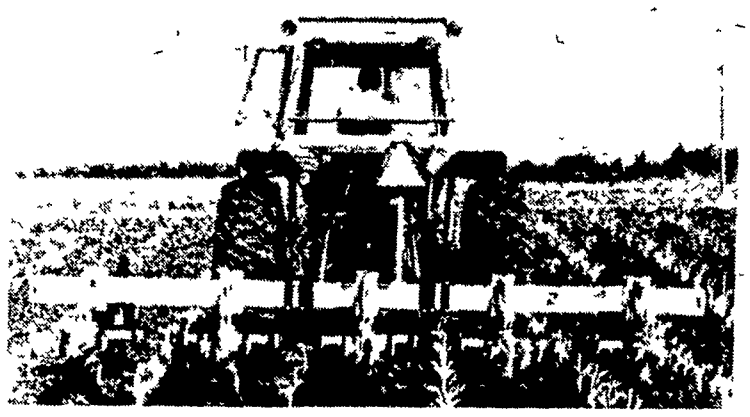
WALTER G. COALE, INC.

2849-53 Churchville Rd.
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434

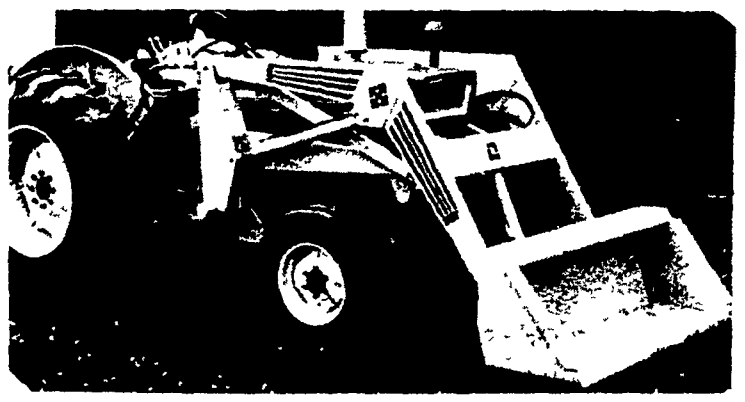
DUNHAM LEHR

Quality Farm Equipment

NEW EQUIPMENT IN STOCK



DUNHAM HIGH SPEED CULTIVATOR WITH DANISH TINE - In Stock



2 & 22 LOADER

- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save.

FROM THE ORIGINATOR OF THE QUICK-ON, QUICK OFF LOADER.

case IH

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543
Ph: (717) 626-4705
Business Hours: Mon.-Fri. 7 AM to 5 PM;
Sat. 7 AM to 11:30

JOHN DEERE

Nothing runs like a Deere

THIS WEEK'S SPECIALS ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1209 Mower Conditioner	7562	5500
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3-16"	2010	1650
JD 2600 Plow 4-18"	7800	6300
JD 445 RH Flail Spreader	4657	3600

Rental of Power Till Seeder

SPECIALS ON USED EQUIPMENT

TRACTORS		
JD 730	4250	3950
JD 730	4000	3600
Ford 8N, mint cond	2800	2500
Ford 801	2500	2500
HAYING EQUIPMENT		
JD 336 baler w/30 ejector	4600	4200
JD 336 baler w/30 ejector	4600	4200
JD 24T w/30 ejector	2250	2000
JD 14T w/#1 ejector	650	600
Owatonna 700 SP Mower Conditioner	3500	2500
NH 1469 SP haybine	4000	3000
NH 460 haybine	1450	1000
JD 640 rake	1275	1150
PLANTERS		
JD 7000	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
JD 494	650	500
JD 1240 plateless pltr	2300	2000
AC no-till 6RN	3500	2400
IHC 6RN 400 cyclo	3500	2500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
HARVESTERS		
JD 35 harvester	2700	2500
JD 38 harvester w/2 row head	2000	1800
DISCS		
MF 12	2000	1900
JD Killifer, 11'	975	800
PLOWS		
JD 2-14"	475	450
IHC 540 4-16	1350	1250
JD 52 2-12	85	75
JD 44 2 btm trail	125	115
JD 345 5-16	2500	2400
JD 1990 wheel barrow	2000	1800
JD 4400 combine, repossed w/213 grain & 444 corn head		
JD 115 chuck wagon	1300	1200

NO TRADE ON SALE PRICES

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

FARM EQUIPMENT

FARM EQUIPMENT

MF Massey Ferguson

ELIGIBLE NEW EQUIPMENT IN STOCK

INQUIRE ABOUT SPECIAL LOW FINANCING

Offer Ends July 31

Tractors	Rebate Or	Waiver of Finance
MF 245 Dsl. Tractor, 8 speed	$400	Until Oct. 1
MF 255 Dsl Tractor, MP	600	Until Oct. 1
MF 265 Dsl. Tractor, MP	600	Until Oct. 1
MF 154/4 Dsl. Tractor,	400	Until Oct. 1
MF 184/4 Dsl. Tractor	600	Until Oct. 1
MF 850 & 860 Combine	—	
Grain Combine	—	Until Aug. 1
Corn Combine	—	Until Sept. 1
MF 540 Combine	400	
grain		Until Aug. 1
corn		Until Sept. 1
MF 120 & 124 Balers	—	Until Sept 1

ELIGIBLE USED EQUIPMENT

MF 540, 750, 760 Combines	—	Until Sept. 1

ADDITIONAL NEW EQUIPMENT IN STOCK

- MF 22 Bale Thrower
- MF 25 Rake
- MF 520 Disc
- MF 43 Plow
- MF 129 Chisel Plow, Mounted
- MF 129 Chisel Plow, Pull Type
- MF 640 Planter
- MF 33 Grain & Fertilizer Drill
- MF 13' & 15' Tables
- MF 13' & 15' Ull Reels
- MF 1144 Corn Heads
- MF 41 Mowers
- MF 880 Plows
- MF 236 Loaders
- Glencoe Soil Saver
- Rakes
- Mower Conditioners
- Forage Harvesters
- Forage Box
- Hay Tedders
- Balers
- Throwers
- Haybuster, no till drill

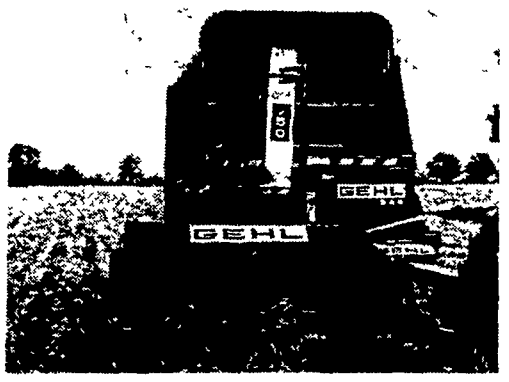
USED EQUIPMENT

- (2) - MF 135 Gas Tractor
- Bobcat Melrose 700 Skid Loader
- NH L 775 Skid Loader
- NH Balers
- NH Haybines
- NH L35 Skid Loader
- Mathews Chopper
- 1977 Chevy 20,000 Lb. truck w/dump box
- IH 574 Tractor

ABRACZINSKAS

Farm Equipment, Inc.

RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)



GEHL - A Cut Above The Rest

GEHL 750 FORAGE HARVESTER

With Hydraulic In Head Knife Sharpener, 2 Row Head, 6 Ft. Hay Pickup

IN STOCK

With Waiver of Finance Till Sept. 1, 1981. Be sure you check with us before you buy any brand.

9 FOOT NEW IDEA CUT-DITIONER

Like new knives, excellent condition, new style offset type

Only **$2985**

NEW HOLLAND MODEL 26 SUPER LIFT BLOWER

Shaker pan with auger, heavy duty PTO shaft, nice

$1050

BALER SPECIAL: **N.H. SUPER 68 WITH #50 THROWER**

case IH

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

NOTICE: WE STOCK GEHL PARTS. WE SHIP ANYWHERE BY UPS TO YOUR DOOR

USED TRACTOR SPECIALS

FINANCING AVAILABLE

NOTICE: NO INTEREST, NO PAYMENTS

ON THESE TRACTORS TILL JAN. 1, 1982

Case 300 HP Tractor, On The Go Power Shift with Dual Wheels, In Stock. No Payments or Interest Till Jan. 1, 1981.

MF Model 1135 Turbo, 400 hours since overhaul, cab, multi-power, nice condition. Also 1135 without cab in stock.

2 Case 1830 Skid Loaders
Owatonna Mustang 1700 Perkins D Skid Loader
Owatonna 1000 Skid Loader, 60" Bucket & manure fork
Case 530 w/Loader
990 David Brown D Select-A-Matic
MF 65 Diesel Tractor, wide front, high clearance, fair cond., motor overhauled...$2900
Case 1030 Diesel Tractor, late model Comfort King, western style
Deutz 9006, Diesel, Tractor...$7900
Case 970 Diesel Tractor, P.S., late model, 1700 hours.
Case 1370 Canopy Tractor, P.S.
David Brown 1200 Diesel Tractor, 65 hp.

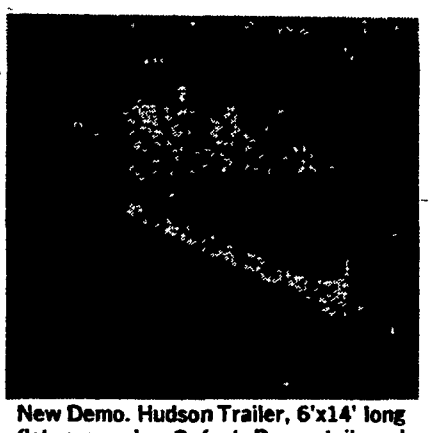
ALLIS CHALMERS 7050 DIESEL TRACTOR
Cab, Air, Heater
$15,900

WESTERN STYLE G-1000 MOLINE TRACTOR
No 3 point, turbocharged, 23.1x26 rear tires, 540 PTO, drawbar, hydraulics
$3,900

NEW HOLLAND 519 MANURE SPREADER
PTO worm gear drive, 10.00x20 tires, Gratz, web, splash guard, single beater, hydraulic endgate with cylinder and hoses to tractor. **$2,900**

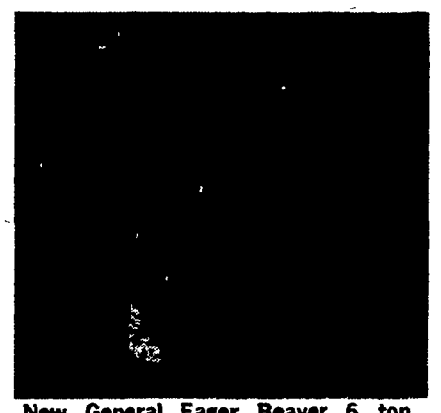
TAG-A-LONG and FIFTH WHEEL TRAILER CLEARANCE SALE

★ All Units In Stock ★ Don't Miss A Bargain ★ Financing Available



New Demo. Hudson Trailer, 6'x14' long flat area plus 3 foot Beavertail and Ramps. Electric Brakes, Tandem Axle, Ball Hitch, Ideal to Haul Case Model 1845 Uniloader, Reg. Price $1,700. Stop by and make your offer.

Used Custom Built, 9 ton, 3 axle with Ring type hitch, Electric Brakes, Beavertail and Ramps, inspected Priced at $1,900. Come and Make Your Deal!

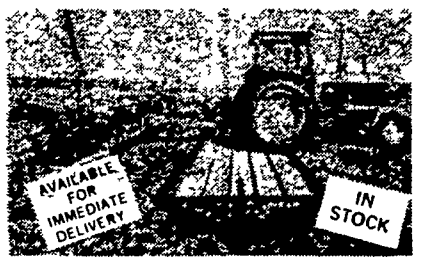


New General Eager Beaver 6 ton Tandem Axle, Budd Wheels, Electric Brakes, 8 foot wide x 14'6" Flat Area and 3' long Beavertail and Folding Ramps. Regular Price $4,850. Our Discount Price $3,941. You make an offer.

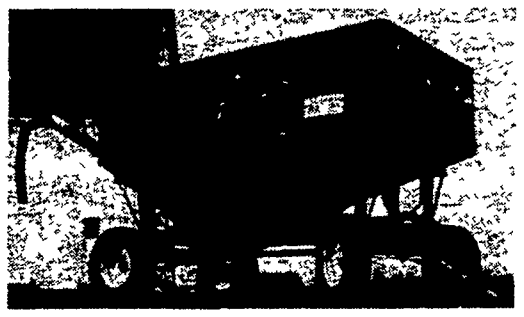
New Beck #2 Trailer, Ball Hitch, 6000 G.V.W.R., Electric Brakes, Bed Size 72"x132". Reg. Price $1,854. Our Price $1,580. Come and Make Your Offer.

Freuhauf Fifth Wheel Trailer Air Brakes, 25 ton capacity, needs inspection, Beavertail, tie down rings, length with Beavertail not including area over fifth wheel is a total of 17'6"

Line new 3 Axle Trailer, Ball Hitch, Plenty of length for Farm use, approx. 6 ton capacity, bed length at 16 feet plus Beavertail and Ramps at 4 feet. Priced at $2,580, but don't let this price stop you. Stop By Now and Make Your Deal!

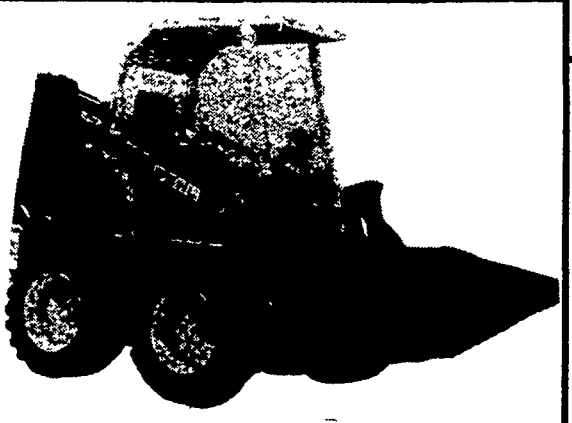


New Donahue Implement Carrier Farm Trailer, 8' wide by 28' long. Our Regular Price $2,597 You Make The Sale Price.



375 BIN ON MC CURDY 12 TON GEAR
With 12.5x16 14 Ply Tires

MAKE US YOUR NEW & USED HAY TOOL CENTER!

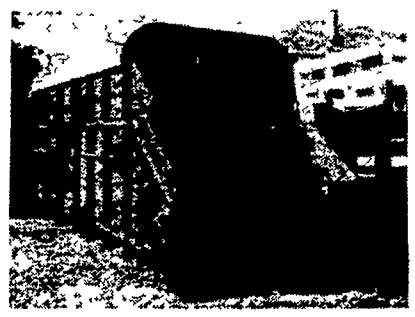


SPECIALS OF THE WEEK
NEW GEHL MODEL 4500 SKID LOADER
With Hydrostatic Drive and Ford industrial motor 10:00x16.5 tires 65" utility bucket serial #1809 this machine.

MODEL 4300 SKID LOADER
30 HP. Hydrostatic Drive, self leveling loader 7:00x 15 tires 65" Material Bucket

HESSTON MODEL PT 10 LATE MODEL 9 FT. HAYBINE
Call For Your Deal

NEW & USED BLOWERS
New Kools KB 57 Hi Performancer ..... Only $1889
Used John Deere Model 60H $280



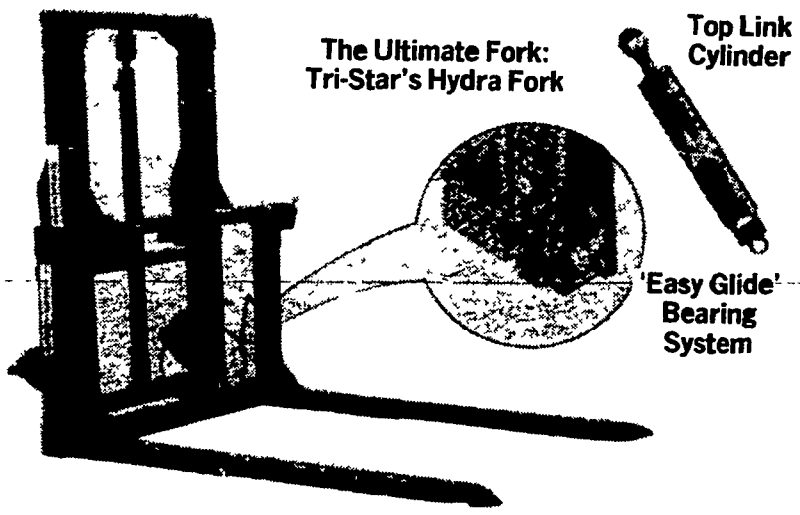
STAUFFER FORAGE BOX
6x16, 3 Beaters, Roof, PTO Drive
$1,080

NEW FROM GEHL:
204 WHEEL RAKE
4-wheel, 3-point hitch mounted hay rake. Bad weather, or even a heavy dew doesn't have to spoil your hay crop, now with one of the NEW finger-wheel rakes from Gehl!
SET UP, IN STOCK **$885**

A.O. Smith Harvestore
MODEL 400 ROLLER MILL
In good condition on transport wheels.
New Price is over $3200.
OUR PRICE ON THIS UNIT:
$1900

LIFT YOUR BLADES UP ON WAGONS OR TRUCKS WITH

TRI-STAR FORKS & FEEDERS



Adjustable Tine Width Makes It Ideal For Moving Anything

MODEL HF-70:
- Lifting Height: 5'6" to 6'
- Adjustable tine width 5" to 44"

$956

NEW & USED SKID LOADERS IN STOCK

Used Owatonna 1000 Skid Loader, good rubber, large 60" wide bucket, new manure fork	$3800
Used Gehl 4400, Ford 44 H.P. water cooled engine, hydrostatic	$5900
Used Owatonna 1700, Perkins diesel Skid Loader	$6800
Used Case 1830 Uniloader, Serial #983122, 54" wide	$6900
Case Model 1537 Uniloader	$2900

case

BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

★ Call Before 5 P.M. For Evening Parts Pickup
★ We Ship Parts Same Day, UPS Anywhere

FARM EQUIPMENT

Wanted Toy farm tractors/equipment 10 yrs old & older Will travel Call for quote Dave 717-768-3554 after 8 P M

Wanted to Buy 4 row rear cultivator, 30" rows 717 397 4561 or 569-1470

JD 4400 combine, 46 ft Cardinal auger 7 inch, 1974 - 5000 Ford D tractor, NH haybine 479, 80 inch trailer, Woods mower 717-966-3697

FARM EQUIPMENT

Pincor electric alternator, 3000 watt, 120 and 240 volts 7 hp Briggs and Stratton gasoline engine, actual use less than 2 hours, like new, $550 215 445 4339

For Sale Int #37 13' disc on rubber Case 7' cultipacker, Acorn Super 600 gutter cleaner, 18' with 18' elevator 717 365 3562

Int self propelled com bine, A 1 condition, $1800, phone 717 235-1326

FARM EQUIPMENT

For Sale Late model JD tractor, model G, can run on Kerosene or gas, with 15x38 tires, hyd system excellent condition, JD semi mounted plow 5 16", NH 3 pt hitch model 450 mower, NI hay crimper cheap, JD model 720 diesel tractor, good rubber and rebuilt about 1 yr ago, Windy Springs, 215-536 8624, 215 536-0912

For Sale- JD 55 square back combine, 13' grain head, 717 624-2591

FARM EQUIPMENT

For Sale JD 400 grinder mixer in good condition 717 393-4732

For Sale- Lockwood 36' potato washer Singer bin loader Eptan granular spreader Haines potato brusher 302 378-9164 eves

FARM EQUIPMENT

JD 830 12' self-propelled windrower, good, $4950 NH 371 flail tank spreader, tandem axles, used 1 yr $4950 NH 1469 haybine, good, $4500 717-532-4178

1977 495 HN haybine, $3800 215-683-7943

FARM EQUIPMENT

Miller 180A rough neck portable gasoline driven welding machine, used only 40 hrs, $1150 717-442 8206

FARM EQUIPMENT

2 Ford Farm Tractors - (1) NAA (1) 600 series Also AC 170 Gas, like new 500 hours 201 996-2304 Frenchtown, N J

SAME Leyland Tractors

AVCO NEW IDEA

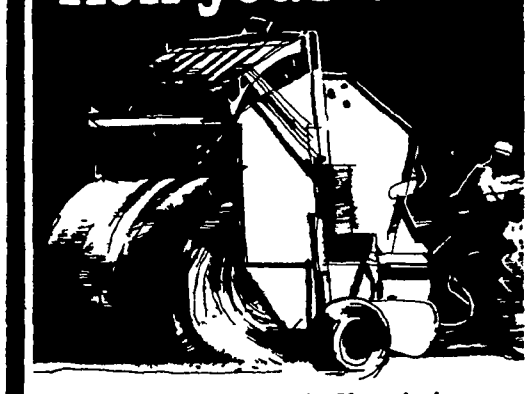
FOR SALE

- Dunham series 41 cultimulcher w/17" packers, wheels, 12'2" w/cylinder & hoses, New $3400. SOLD
- 18' haywagon w/racks 8 ton gear, nice cond. $995 SOLD
- Kasten 16' 3 beater forage wagon w/roof 10 ton gear $1385
- NI mod. 200 PTO spreader, nice cond. $765
- NI 310 1 row picker $2500.
- Taylorway model 200 121 disc harrow 10'5" excellent condition, $1785.
- Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
- Case 11 ft. 36 blade transport disc harrow $975.
- Badger manure spreader Model 205, 205 bu. $900.
- Tuffbilt 16 hp garden tractor with 2 3 pt. lift - 60" Bush Hog mower - cultivator $3995 New

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

THE VERMEER BALE...
WORLD HEAVYWEIGHT CHAMPION!

Roll your own



It's the World Heavyweight Champion!

Up to 2,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap 25% heavier than other large round packages 25% less spoilage A bale that retains its shape — and nutritional value — better than any other hay package in the field

Three quality built "F" Series Balers to fit your needs Plus the new "G" Series, designed with energy savings in mind

Call today for a demonstration and get this *free* belt buckle

Vermeer VERMEER HEAVYWEIGHT CHAMPION

RED WING FARMS

R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:

JD 2040 D WF 1100 hrs. . $6500
Farmall M w/M&W 2 Spd . $1300
JD 2010
Farmall 460 gas, clean . . . $3985
Oliver Super 77 . . . . . $900
JD Cyclone A . . $1050
JD 2510 gas with wfe $5900

PLANTERS:

IH 6 Row 400 Cyclo w/Mower $2300
AC 500 4 row $800
2 Oliver 540 4 row . . $600 ea
JD 1250 6 row plateless w/monitor. $1900
IH Cyclo 4-row no-till . $2500
JD 1240 plateless . $1200

HAYING:

Mayrath 34' elevator . . . $900
NH 280 baler w/thrower $1850
MF 12 baler w/thrower. . . $1500
JD 16A chopper $1800
NH 1495 self propelled haybine, hydro., air, Ford gas engine, less than 300 hrs . $14,600

COMBINING:

JD 95 Cab - 4xN - Grain $10,900
JD 237 MTD Picker . . . $1400
JD 6620 side hill combine, 1980 model w/16' platform $61,300
JD 42 pull type $1400
JD 40 s.p w/8' grain and hume reel. $3700
JD 643 corn head . $10,900

FORAGE:

NH 890 w/2XN - Pick Up Controls $6400
Clay wagon w/roof, 3 beaters. $1600
IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup. . . $1400
JD 3800 Long Tongue for Parts. $1100

TILLAGE:

Pittsburg 4x16 3 pt. plow. . $550

NEW EQUIPMENT SPECIAL
We have new JD 1065 A wagon chassis with adjustment hitch, 10x15 wheels, stakes, knock down.
Pick up here $750 each

JOHN DEERE

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

VAN DALE

- **Van Dale Products**
  - Silo Unloaders 10' - 30', New & Rebuilt
  - Bulk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Steve or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
- **Taper Board Feeders & Belt Feeders**
- **Circle Feed Supplement Bins**
- **Hedlund-Vaughan Chopper Pumps**
- **Nesseth Liquid Manure Equipment**
- **Leasing Available**

Sales & Service

K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

TRACTORS

Farmall H, good shape
Farmall M
AC WD 45 w/live PTO
AC D14
VAC Case w/wide front

MISCELLANEOUS

NH 479 & 460 haybine
AC 903 haybine
NH 1469 SP w/cab
NH whirl-a-feed blower
Oliver rotobar rake
NH 461 haybine
(2) McCurdy gravity boxes 225 bu & 275 bu
Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders.
Unloading wagons $450-850
Hesston hydro-swing 12' haybine $1950
IH #5 flail chopper, A-1, $750
MF baler w/thrower, $650

COMBINES

Gleaner CII w/13' grain, cab w/hillside rattle chain, late model $6000
Gleaner CII cab & grain & 4 row wide $5000
JD 25, 7' cut
IH 76 7'
MF 410 grain head
MF 510 quick attach through
MF 35 7' w/bin

HARVESTERS

IH pickup head - fits 50, 55, 550, 555 & 650
JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD & D17 Oliver 70 & 77. Ford 8N & 860. Case SC & V.A.C. Massey 44D, IH 400, MTA, 240, F20, WD D2 Cat crawler.

Dismantling 75 combines for parts

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #425 Loader 60" bucket, 1 only	$9975
NH #325 Loader 54" bucket, 1 only	$8375
NH #310 Engine Baler w/steel wheels, 1 only	$5790
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only	$1550
NH #782 Harvester, 1000 RPM's, manual control, 2R head 1 only	$9240
NH 456 Mower, 4 only	$1750
NH 489 Haybine, 2 only	$6285
NH 846 Baler (Demo), 1 only	$6625
MH 513 Spreader 11:00x20 tires, 1 only.	$3150
NH 256 Rubber Rake, 1 ony	$1620
NH 355 Grinder-Mixer, Heavy Duty PTO 11L tires, 1 only	$5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only.	$4995
NH 230 Wagon, 8 rims, standard tongue, 2 only	$620
NH #8 Crop Carrier, 234 wagon, (Dem), 1 only.	$4310
Oswalt 1830 Ensilmixer, 1 only	$8350
Pittsburgh 10' Spring Harrow, 1 only	$695
Pittsburgh 10'6" Disk, ¼" blades, 1 only	$2600
Pittsburgh 12' Field Cultivator, 1 only.	$1295

We are also renting a NH# 303 3200 Gallon Tank Spreader.

NEW SPECIAL
NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine
$54,300.00

INTRODUCING
NEW HUTCHFLEX DISKS BY HUTCHMASTER NOW IN STOCK CALL FOR DETAILS

FREE FINANCE ON

- NH Hay Equipment till Jan. 1, 1982
- NH Harvesting Equipment till Oct. 1, 1981
- NH Box Spreaders, Skid Steer Loaders & Grinder-Mixers till Sept. 1, 1981

SPERRY NEW HOLLAND

JAMESWAY **OSWALT ENSILMIXER** **DUNHAM**

USED EQUIPMENT

NH 477 Haybine
NH 479 Haybine
Case 675 SP Haybine (Same as Hesston 320)
NH 512 Spreader
NH 518 Spreader, top beater
NH 268 Baler w/Thrower
NH 273 SS Baler w/54A Thrower
NH 717 Harvester, 1R Corn Head
NH 707 Harvester w/1R Corn Head
NH 58 Thrower
NH 259 Rake, Rubber Tooth
NH #23 Blower
Gehl Fg. Box on Running Gear

DEPENDABLE IS MORE THAN OUR NAME

OWENS Classic, Inc.

NEW OWENS CLASSIC TRAILERS IN STOCK

1 - Owens Classic Fifth Wheel Grain Trailer - 12,000 lbs. GVW, 2 axle, Electric Brakes, 9.00x14.5 - 12 ply tires, With Omaha Standard 14 ft. Platform, 40" Steel Grainsides, 26" Cattle Fold-down Racks, Omaha 51DA Electric 10 Ton Hoist. Complete with Classic Fifth-Wheel Hitch.

Our Special Price **$6500.00**

1 - Owens Classic Fifth Wheel Grain Trailer, 18,000 lbs. GVW, 3 axle, Electric Brakes, 9.00x14.5 - 12 ply tires, with Omaha Standard 16 ft. Platform, 40" Steel Grainsides, 26" Cattle Fold-down Racks, Omaha 61DA Electric 14 Ton Hoist. Complete with Classic Fifth-Wheel Hitch.

Our Special Price **$7500.00**

USED 12½ TRUCK GRAIN BODY

Steel Floor with 40" wood sides with New Harsh 8 Ton Hoist, 2 cyl.

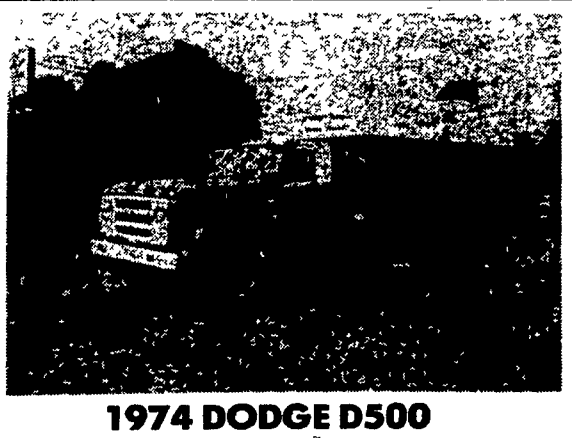
$2000.00 (Installation & PTO Extra Charge)

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

- 9½ ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
- 10 ft. Platform (Wood Floor) with 40" Steel Grainsides & 26" Cattle Racks
- 14 ft Platform (Treadplate Steel Floor) with 40" Steel grainsides & 26" Cattle Racks
- 14 ft. H.D. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
- 15 ft. Platform (Wood Floor) with 52" Steel Grainsides & 18" Cattle Racks
- 16 ft. Platform (Treadplate Steel Floor) with 40" Steel Grainsides & 26" Cattle Racks

RECONDITIONED USED ROTARY MOWERS

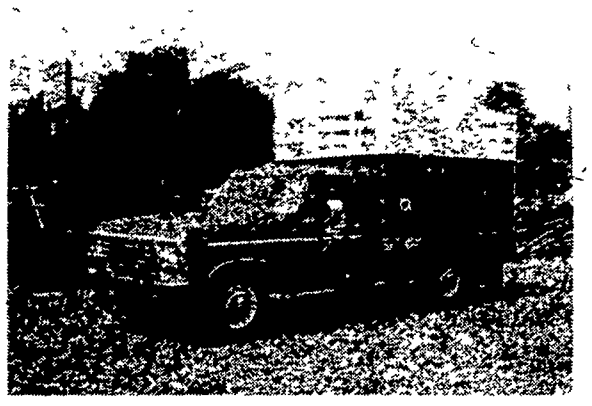
Vormado Rotary Mower, 3 H.P. 20" Push	$50.00
White Rotary Mower, 990-071, 3 H.P., 20" Push	$75.00
Lawn-Boy Rotary Mower, 8229A 21" Self-Propelled, Side Bagger	$175.00
Bolens Rotary Mower, 8545, 4 H.P., 22" Self-Propelled, Electric Start, Mulching Mower	$175.00
Lawn-Boy Rotary Mower, 7268, 21" Push, Side Discharge	$195.00
Bolens Rotary Mower, 8554, 5 H.P., 22" Self-Propelled, Mulching Mower	$200.00
Jacobsen Rotary Mower, 42171, 4 H.P. 21" Self-Propelled, Side Bagger	$200.00
Lawn-Boy Rotary Mower, 8233, 21" Self-Propelled, Rear Bagger	$225.00
Bolens Rotary Mower, 8554, 5 H.P. 22" Self-Propelled, Mulching Mower	$225.00
Bolens Rotary Mower, 8644, 4 H.P., 22" Self-Propelled, Mulching Mower	$300.00
White Rotary Mower, 990-142, 4 H.P., 22" Self-Propelled, Rear Bagger	$325.00
Bolens Rotary Mower, 8648, 4 H.P. 22" Self-Propelled, Mulching Mower	$325.00



1974 DODGE D500

18,500 GVW, V8, 5 Speed, 6 New 9.00x20 Tires. Truck has been reconditioned by us and is ready to go to work, with New Omaha Standard 12 ft. Grain Body, Steel Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 51DA Single Cylinder 10 Ton Hoist, New 30 gal. Aux. fuel tank, New 24" Tool Box **$8500.00**

USED GRAIN TRUCKS



1979 FORD F250

7900 GVW, 400 V8, 4 Speed, 9.50x16.5 Tires, 12,000 Miles, With New Omaha Standard 9 ft. Grain Body, Wood Floor, 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 41DA Single Cylinder 4 Ton Hoist **$8250.00**

USED OLIVER TRACTOR PARTS

NOTE: We Have A Good Selection Of Used Oliver Tractor Parts For The Following Models: 55, 66, 77, 88, 1600 Call and Check With Us.

We Will Ship UPS

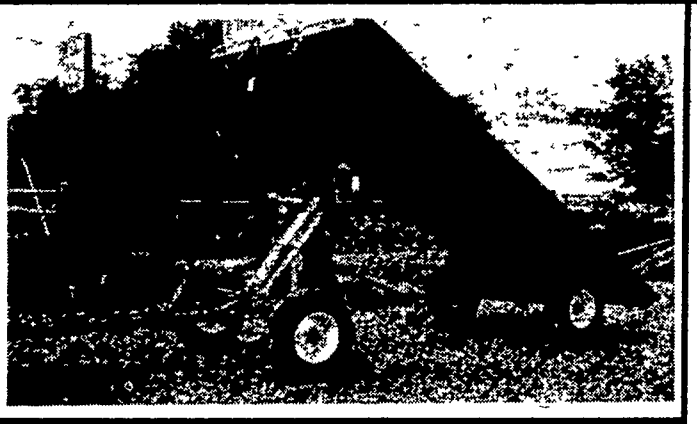
- 1 - 155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - .020 Mains, Fits - 16550, 1750G, 1755G, 1800G
- 1 - K-119D Reconditioned Crankshaft with NEW Bearings, .010 Rods - .010 Mains, Fits - Super 88 & 880 Gas or Diesel
- 1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
- 1 - 166-425A Reconditioned Engine Block, Fits - 1655D
- 1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
- 1 - Rebuilt 55 Gas Engine, Complete
- 1 - 770 Gas Engine, 1100 Hours, Complete

NEW FARM DUMP WAGON

18 ft. Wood Platform, Energy 6 Ton Wagon Hoist, 8 Ton Wagon Gear, 11Lx15-8 ply tires

$1750.00

(We have 2 in stock ready to go)



ECHO

The Lightweight Heavyweights

WEED AND GRASS TRIMMERS

JUNE SPECIALS:

SRM - 300 E

List Price $299.95

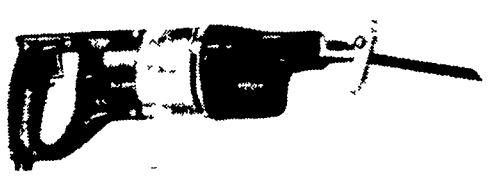
SALE **$279.95**

Model SRM-200

List Price $219.95

SALE **$199.95**

FREE: 1 Pound Roll Replacement Trimmer Line With The Purchase Of Any New Echo or Weed-Eater Trimmer. $12.95 Value.

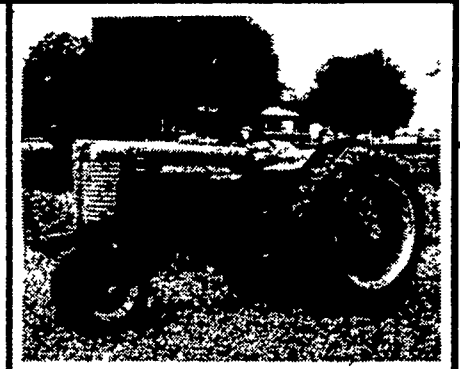


MILWAUKEE HEAVY-DUTY SAWZALL

With Trigger Speed Control, All Ball & Roller Bearings

Press SINGLE TRIGGER for controlled sawing speeds from 0 to 2400 strokes per min. The most versatile electric hacksaw available. Durable glass reinforced nylon handle. Protective front end boot.

IN STOCK **$175** With Carrying Case



MASSEY FERGUSON 65 GAS

Serial #697440, Power Steering, Multi-Power, Aux. Valve, 15.5x38 Tires with Power Adjust Wheels, Excellent Condition.

$2750.00

USED DIESEL COMPACT TRACTORS

Kubota B7100DT - 16 hp., 4 wd, Ag tires, 325 Hours, with Woods 48" Undermount Rotary Mower	$4800
Kubota L185 - 18 hp., 2 wd, Turf Tires, 280 Hours, with Woods 60" Undermount Rotary Mower	$5000
Kubota L225 - 24 hp. 2 wd., Turf Tires, 1225 Hours, with New Woods 72" Undermount Rotary Mower	$5000
Bolens G-192 - 19 hp., 2 wd, Turf Tires, 60 Hours, with Bolens 54" Undermount Rotary Mower	$5000

POWER-PULL

WINCH PULLER

AMERICAN

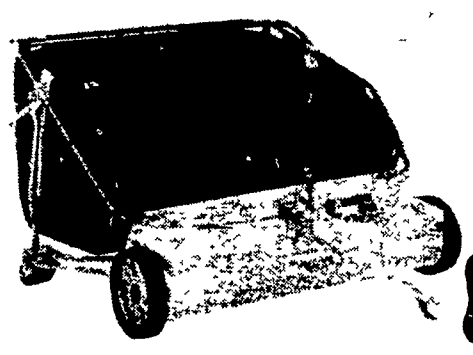
MAKES TOUGH PROJECTS A 1 MAN JOB

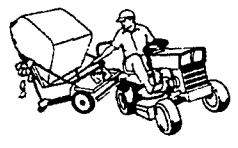
JUNE SPECIALS

½ TON
Reg. $42.75
OUR PRICE
$37.95

1 TON
Reg. $53.50
OUR PRICE
$47.95

LAMBERT LAWNSWEEPERS





Exclusive FLIPOMATIC feature makes sweeping easier, dumping neater. List $319.95

June is dairy month

JUNO Model ST-481
38" Lawn Sweeper, 19 Bushel Capacity

JUNE SPECIAL

$219.95

WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - OMAHA STANDARD - HARSH

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271
Hours: Mon., Tues., Wed. & Fri. 7:30 AM to 5:30 PM, Thurs. to 9 PM, Sat. till 3 PM

FARM EQUIPMENT FARM EQUIPMENT

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

MF 35 diesel w/loader
JD 520
Oliver Super 88
JD M w/plow & cultivator

HAY EQUIPMENT

JD 336 baler w/ thrower
MF 12 baler w/thrower
JD 214 baler
IH 440 baler w/ thrower
IH 46 baler w/thrower
JD 350 rake
JD 858 rake
IH 14 rake
Ferguson 3 pt rake

MISC. EQUIPMENT

JD 1240 plate planter
JD 494A planter
IH 400 air planter
NH 717 harvester

SPECIALS ON NEW EQUIPMENT

Hesston 1090 mower conditioner, $4900
Hesston 1010 mower conditioner, $6500
GT370 grain dryer, $7995
JD #90 skid loader w/ 2 buckets, $5650
JD 5440 self-propelled harvester, phone for price.

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks Counties Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

FARM EQUIPMENT FARM EQUIPMENT

MF Massey Ferguson FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors

Ford 1300 4 wheel drive, 50 hrs. w/loader
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 1100 w/cab, low hrs.
(2) Farmall 450 Diesels

Forage Harvesters

JD 35 1-row
Fox 2000 w/grinder
Field Queen side dump

Combines

JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
MF 300, cab, 3-row

Tillage

Moore no till drill
10' Bearcat pulvi-mulcher

Mower Conditioners

Hesston 310 SP
Hesston PT7
Hesston PT10
Hesston 1014-10'
Hesston 620, cab
Ford 9'
NI 9'

Spreaders

NH 519, like new
(2) Starline 180 bu.
NI 213 flail

Miscellaneous

Gehl 120 Mixall
Shaver 12" digger
Shaver post driver
300 gal. Walsh Sprayer

Harvesting

NI 318 grinder unit
NI 2-row Super sheller, new
NI 314 sheller
NI 2-row picker, 8 roll
Oliver 1-row picker
M.C. grain dryer

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

DEUTZ

NEW TRACTORS

D6807A Deutz Tractor, FWD, 68 h p w/loader
D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor, 61 h.p.
D5207 Deutz Tractor, 52 h p
D4506 Deutz Tractor, 45 h p.
DX 120 Deutz Tractor, 110 h p

Used Farmall H
Ford 850
Ford 6000 diesel
Great Bend 1010 Loader w/96" bucket, 4000 lb. cap, like new $2500
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L-912 diesel engines 20-32 H P electric start.

Stauffer Diesel Inc.
312 west main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT FARM EQUIPMENT

USED TRACTORS & EQUIPMENT

NAA Ford Tractor
NAA Ford Tractor
5000 Diesel
4000 Su w/Freeman Loader
4400 Gehl Skid Loader
4500 Ind. Tractor Loader Backhoe
8000 Ford Diesel
6500 Ind. Tractor Loader Backhoe
T020 Ferguson
12 Hp. Wheel Horse w/Mow & Snow Blower
12 HP Ford Hydro
12 HP Ford Gear Shift
110 John Deere (New Engine)
14 HP Ford Hydro w/Mower
102 IH w/Mower
9 Ft. Mower Conditioner
250 Ford Baler

Ford Tractors Equipment

LANCASTER FORD TRACTOR, INC.
THE HOME OF THE RELIABLES
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Route 283
Phone: 717-569-7063

USED EQUIPMENT

TRACTORS and MACHINES ARE MOVING. If you're looking for a piece of good used equipment and its not listed below, Call us anyway, could be we just traded what you want.

DISC HARROW & FIELD CULTIVATOR

6072 IH #37 Disk
5828 IH 470 21' Disk
6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
5440 J.D. KB Disc Harrow
6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D. BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
6560 IH-490 24' Disk
4969 Miller 12' Disk, Rebuilt
5538 Pittsburgh 16' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
6515 Dunham 42319 Wing Cultipacker
6651 Deere 210 Disk 12'
6722 King Rock Disc 12'

HAY & FORAGE

6537 NH 469 Haybine, 9'
5311 IH 225 Hayswather, 7' Self Propelled
4263 IH 990 Mower Conditioner, 9'
6566 Deere 3800 Harvester
6138 Fox Super D 162 Harvester, Self Propelled
5752 IH 650 Harvester, Recutter
4405 IH 650 Harvester, Recutter
2319 IH 650 Harvester Direct Throw
5444 NH Super 717 Harvester
5445 NH 717 Harvester
IH 350 Harvester
5814 Deere 737 Rotary Cutter, 13'
6423 Lilliston, 6' Rotary Cutter
4976 NH 320 Baler
5776 Bushog 9' Rotary Cutter
5371 IH 56 Blower
5360 Deere 65 Blower
5775 IH 110 Forage Box, 16'
6090 IH 110 Forage Box, 16'
6091 IH 110 Forage Box, 16'

TRACTORS

6595 IH - F1586D w/30.5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6406 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5660 F706D Tractor
5163 IH 706DTractor
6186 IH 656 Hydro Tractor
6413 1-464G w/Dunham Loader
5642 F444 Tractor
6035 Case 2670 Tractor 4WD Tractor
6238 Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
6432 IH - F1586D, 20.8x38 Duals
6435 IH 1066 Hydro
6403 MF 1805 4WD w/Blade
6580 IH F 1086 D w/Cab
6526 IH 125 Series C Crawler, Loader
6510 Ford 4000D SU
6180 IH - F86D w/Cab, 400 Hrs.
6594 IH-4366 4WD
6561 IH-F1566 w/cab
6702 IH-F544 D Hydro
6714 IH-424D Tractor

PLANTERS & DRILLS & SPRAYERS

2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J.D. 494 Cornplanter
5321 IH #10 Grain Drill
5080 J.D. 20x7 Drill ModelB
6237 FMC Trojan 10 gal. Sprayer
2038 Bean 40 RC Sprayer w/Truck
6426 IH 510 Drill 24x6 Plain

COMBINES

6252 IH 1440 Combine
6239 IH 1460 Combine
5742 IH 915 Combine
4148 IH 815 Combine
5928 IH 815 Combine
6542 IH 715 Gas
6126 IH 503-C Combine w/430 w/n Cornhead, w/13.5' Grain Platform
5536 J.D. 6600 Diesel - Gear Combine
4823 J.D 4400 Combine Diesel
6389 J.D. F105 Combine
6387 J.D. 95 Combine
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
4877 A/C - Gleaner GKS
6098 NH 975 Combine
5838 NI 704 V6 Uni-System w/717 Combine
6396 AC Gleaner MKS

FACTORY REBATES ON NEW TRACTORS: OR IH RED POWER DOLLARS

Models: 986, 1086 ..... $3,000 or $4,500
1486, 1586 ..... $4,000 or $6,000
3388, 3588
3788 ..... $5,000 or $7,500

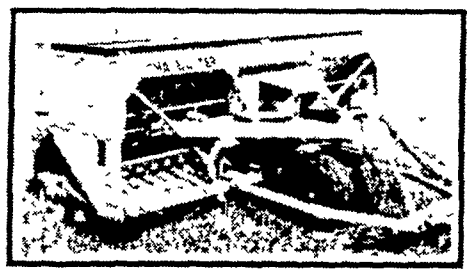
FACTORY REBATES ON NEW COMBINES:

Models: 1440, 1460, 1480 ..... $3,500 or $5,000
1420 ..... Up to $7,000 Discount on the Axial Flow Combine

* IH RED POWER DOLLAR CERTIFICATES MAY BE REDEEMED BY THE PURCHASER AT C.B. HOOBER & SON INC. ON THE PURCHASE OF ADDITIONAL NEW IH EQUIPMENT OR PARTS BY DECEMBER 31, 1981

HAYBUSTER

NO-TILL DRILL

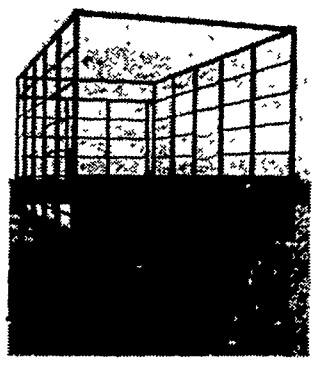


FIELD PROVEN FOR SOYBEANS AFTER BARLEY

MODEL 1206 MICRO-SEEDER CAN ALSO BE USED FOR MINIMUM OR CONVENTIONAL TILLAGE
★ Also Available in Semi-Mount Design
CALL FOR INFORMATION

RUGGED STEEL BALE WAGONS

- 18' or 21' long
- 8' wide inside
- 8' high
- Fold down front gate w/diamond plate platform
- Swing-out tailgate
- 8 ton gear w/ extendable tongue
- New 9.5Lx15 tires



BACKED BY HOOBER PARTS & SERVICE In 717 & 215
Call Toll Free For Price: 800-732-0017

AXIAL-FLOW
Combine Headquarters in Eastern Pa.

BUY YOUR COMBINE FROM A COMBINE DEALER 1460's IN STOCK

Waiver Of Finance Till 9/1/81

LET OUR PARTS AND SERVICE COMBINE SPECIALISTS MAKE YOUR 1981 AN EASY HARVEST YEAR.

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

WHY GAMBLE WITH SERVICE? WHEN YOU CAN CALL HOOBERS!

HOOBER'S SERVICE DEPARTMENTS ARE REPAIR CENTERS, NOT PARTS REPLACEMENT CENTERS. WHEN YOU CALL HOOBERS YOU GET:

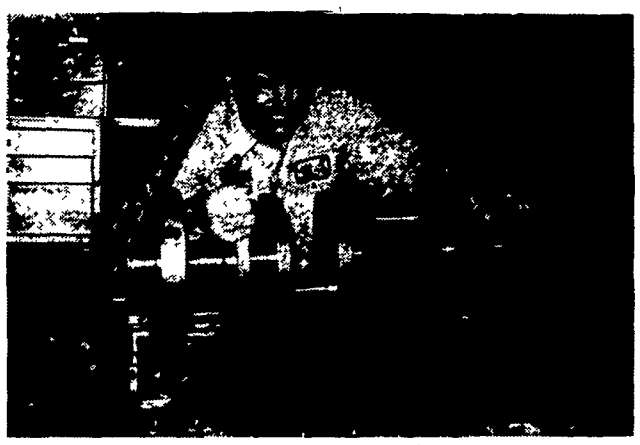
1 EXPERIENCE - 7 Engine Mechanics with 89 years of engine repair experience.

2 SPECIALIZATION - We have factory trained mechanics who specialize in the following areas: hydraulics, electrical, air conditioning, injection pumps, turbo-chargers, transmissions - hydrostatic and TA's, tire repair, Cummins and Caterpillar engines, Detroit - Allison Transmissions.

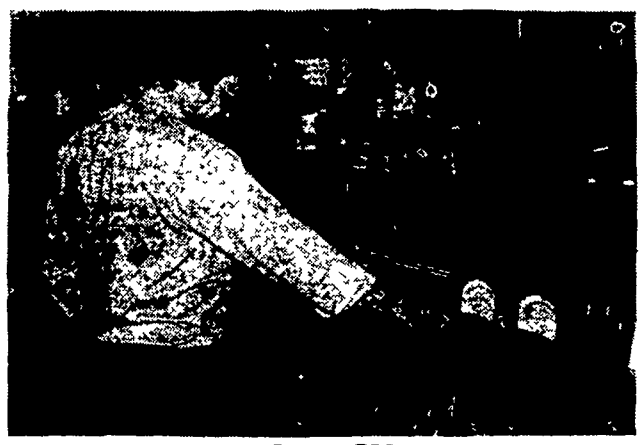
3 EFFICIENCY - Our shop is equipped with all the modern, factory recommended service tools necessary to do any job as fast and as thorough as our suppliers recommend. Specialty tools include but are not limited to the following: Engine Dynamometer, Fuel Analyzer, Hydraulic Flow Rater, Alternator and Starter Diagnostic Center, Engine Stands, Hot Cleaning Tank, Fly Wheel Refacer, Valve Refacer.

4 SERVICE - When you have a problem, the people in our shop want to solve it to your satisfaction. You get service from people who care at Hoobers.

EXPERIENCE



SPECIALIZATION



EFFICIENCY

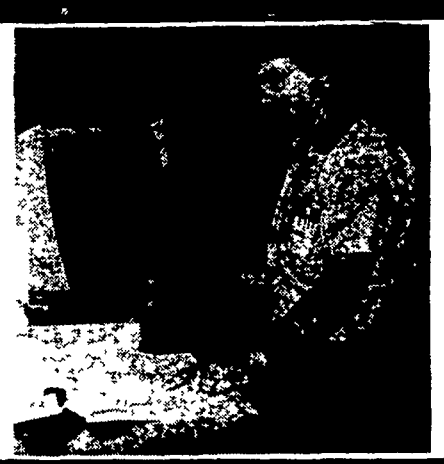
IF A REPAIR JOB TAKES NEW PARTS, OUR SERVICE DEPARTMENTS ARE SUPPORTED BY THE LARGEST PARTS DEPARTMENT IN EASTERN PA

PARTSMART

WILL SHIP SAME DAY VIA UPS - PPSH - BUS - AIR FREIGHT - ETC.

PARTS DEPARTMENT SERVICES

1. Modern computerized system designed to help us do a better job for you our customer.
2. Carry an inventory of over $600,000 worth of parts.
3. Serving you with ten trained parts persons.
4. Ship part same day via UPS, PPSH, Bus, Air Freight.
5. Parts are picked up at IH Depot by our own truck.



C.B. HOOBER & SON INC.

INTERCOURSE, PA 717-768-8231

United Parcel Service

★ CALL US - WE PROBABLY HAVE IT ★ WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR FREIGHT-ETC.

FARM EQUIPMENT

USED EQUIPMENT

Farmall 1206 Tractor w/heavy duty offset disc, like new SOLD
Crust Buster Offset Disc, Like New
Farmall 966 Tractor w/cab, new pistons & sleeves
Farmall 1(SOLD)ydro Tractor with cab
Super A Farmall w/Cultivators
AC D17 Series 4 Tractor w/snap coupler
IH 1466 tractor w/red cab, air, dual hydraulicSOLDual PTO, 1000 hrs., super sharp!
Farmall 1456 Tractor
MM 602 Diesel Tractor
Grass Pickup for IH 650 Chopper
JD TWA Plowing Disk
IHC 2350 Mount-O-Matic oader w/8' bucket, ecellent
JD 20x7 Grain Drill, no fertilizer
Lilliston Rolling Tomato Cultivator, set for 3-SOLD rows

RAYMOND B. LEAMAN
Willow Street RD 1, Ph· Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

FARM EQUIPMENT

1034 Bale Wagon
1010 Bale Wagon
213 Spreader
208 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
760 Chopper head 2-row
3200 IH Skid Loader
York Blade
Bush Hog Blade
NH Corn Head 1-row 770 new
438 Corn Head less att.
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438-15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

FARM EQUIPMENT

L445 NH Skid Loader, 1080 Massey Ferguson Tractor, New Idea 3 beater manure spreader All like new 717-328 2458

FARM EQUIPMENT

For Sale- Winpower PTO alternator, 45,000 watt, pole equipment, used less than 50 hrs, $1800 Somerset • Co 814-634 5480

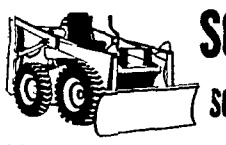
FARM EQUIPMENT

For Sale- Pickup head, IH 650 Harvestore, late model $600 Wanted- JD 145 loader for 2030, Juniata Co 717-463-2360

FARM EQUIPMENT

New & Used steel and plastic **DRUMS**, bought and sold-local and long distance deliveries Reliable Recyclers, 114 S. Maple Ave, Leola, PA 717-656-4211

SCHAEFFERSTOWN EQUIPMENT



SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED.

WE BUY USED EQUIPMENT

WE ARE A DEALER FOR CUSTOM TRAILERS

BACKHOE LOADERS

Case 580B 1975 w/cab	$15,500
Case 580B	$11,500
Case 580 Dsl.	$9000
Case Backhoe Loader	$4500
Cabot Hyd. Excavator Det. Dsl.	$8500
JD 400 Backhoe/Loader w/3 pt PTO, overhauled	$9400
JD 400 Dsl. excellent & overhauled	$9000
Ford Backhoe	$5400

CRAWLER DOZERS

Cat 46A real clean	$42,000
Cat D4 40A Good	$11,500
Cat D8 2U Cable	$8500
Cat D6, hyd.	$6500
Letourneau pull pan	$1600
JD 350 6-way angle Blade New Undercarriage	$9000
JD 1010 Dsl. w/winch	$5000

CRAWLER LOADERS

IH 175 4 in 1 bucket, clean	$10,500
JD 450B	$16,500
JD 450 Sharp	$12,000
JD 450 w/ROPS, good	$12,000
Cat 955H 60A	$10,000
IH TD6, 4-in-1 bucket, excellent cond.	$8500
IH T340 Dsl 4-in1 Bucket w/ripper	$7000
Cat 997H w/ripper	$18,000
AC HD7G	$6500
AC HD5	$4200
AC HD5	$3450
Case 1150 4-in-1 bucket	$6000

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O H.	$3000

ROLLERS

Fordlane Paver, ex cond	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 Ton Roller	$1000
1 to 3 Ton Vibra - Pac	$2800
3 to 5 Ton Tandem	$4500
3 to 5 Ton Huber Tandem	$5000

GRADERS

Huber Wargo Dsl. w/Cab	$5000
Galion 118 Dsl. w/cab	$6500

TRAILERS

1979 CMI Folding Hydr. Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A.	$3500
25 Ton Gooseneck Tandem Axle Double Drop	$5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
4 Horse Imperial Deluxe	$2800
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices	Call

TRUCKS

1975 Dodge ¾ ton 4x4 clean	$3500
1965 Int. Dump S.A.	$3200
1956 White 18' bed S.A.	$1800
1967 GMC ¾ ton w/utility box	$800
1970 Chevy w/20' bed S.A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Tandem Axle Dump	$4250

SKID STEER LOADERS

JD 24	$4800

WHEEL LOADERS

AC TL16 Diesel	$7500
Hough 70, 4x4 3 to 4 yd good	$14,500
Hough 30, 1 yd good	$3500

MISCELLANEOUS

MF 180 Tractor	$5250
Ford Corn Planter 2 Row 3 pt Ex.	$450
16' Dump Box excellent	$2650
5 ft Rotary Cutter	$465
Pavement Breaker 90 lb	$350
3 pt Landscape Box	$375
Assorted Loader Buckets	
6 ft. Angle Scraper Blade 3 pt	$175
16 h.p. Bolens Riding Tractor w/mower excellent	$1850
Myers Snow Plows Electric/Hydraulic/Angle	$1000
17' Dico BlockUnloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

NEW TRACTOR SPECIALS

	List	Sale With Rebate
IH 1086 diesel w/cab & air, 20.8x38 tires	$38,011	$27,500
IH F686 diesel w/ROPS & second valve	19,238	14,900
IH I-584 diesel, 14.9x28 tires	14,385	11,800
IH I-684 row crop, 15.5x38 tires	15,732	13,300
IH I-384, PS, 13.6x28 tires	10,209	8,350

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW EQUIPMENT SPECIALS

	List	Sale With Rebate
IH 2250 loader w/60" bucket, waiver till 1-1-82	$3,292	$2,800
IH 435 baler w/thrower	7,733	5,850
IH 35 rake, ground drive	2,195	1,700
IH 35 rake, hyd. drive	2,281	1,775
IH 56 forage blower	2,236	1,950
IH 120 forage box, 12 ton chassis	5,988	4,950

USED HAY EQUIPMENT SPECIALS

IH 990 9' mower conditioner	2,650	2,350
NH 479 9' haybine	1,850	1,500
NH 469 9' haybine	1,950	1,800
NI 290 9' mower conditioner	1,650	1,350
IH 120 7' bal. hd. mower	650	550
IH 46 baler	1,150	1,000
IH 27 baler w/thrower	1,850	1,500
IH 37 baler w/thrower	1,950	1,800
IH 47 baler w/thro SOLD	2,350	2,150
IH 420 baler w/thrower	2,150	1,850
IH 430 baler w/thrower	3,850	3,650
IH 15 hay rake, 5 bar	500	375
NI hay r SOLD	450	325
Grove forage box w/chain conveyor	1,350	1,250
Van Dale forage box w/roof	1,350	1,250
NI 818 harvester w/2 R hd.	450	350

USED TRACTORS
IH F-544D w/3 pt WF
(2) IH F-350's w/2 pt
IH F-300 w/2 pt
(3) IH F-M (Any Price Range)

USED HARVESTING EQUIP.
IH 234 w/Sheller
IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)

USED TILLAGE
IH 470 16' wing disc
IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 540 4F 16" Semi.
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt
Dunham 10' Packer Mulcher

MANURE SPREADERS
IH 35
IH 175
IH 530
NI 201

USED PLANTING EQUIP.
IH 400 4R Planter
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

FARM EQUIPMENT

1971 IH 2050 diesel, V8 tandem power steering, 14' steel dump, 56,000 GVW, 20 speed, good condition, 184 W B , 7,800, will sell with or without dump body Franklin Co 717-532-7002 after 6 p m Make offer.

FARM EQUIPMENT

For Sale - 271 Jimmy diesel and 2 cylinder Lister diesel, both A 1 condition, priced to sell, also Wanted - No 7 IH silage cutter and milk cans Josie A Hostetler, Belleville, PA Barrville Rd

FARM EQUIPMENT

For Sale - 970 Case with cab, $7 000 201 459 4371 Blairstown NJ

For Sale - New Holland #517 triple beater spreader, 205 bushel, good condition, $1500 Ph Frystown 717-933-8764

FARM EQUIPMENT

1 straw stiredder for 55 square back combine used 1 season, $500 2 14 9 tractor tires, 70 percent tread, 1 with small hole in $150 for pair, 1 15 5 tractor tire, ¼ tread, $25 717-927-6094 York Co

FARM EQUIPMENT

For Sale Int 806 diesel, 3 pt wide front good condition, $7700 Berks Co 215-683 5283 eves

IH 4386 Tractor with stereo, neater, Air con ditioning 30 5 x 32 tires 400 hrs 717-528-4343

FARM EQUIPMENT

2 Kasten self unloading wagons, one running gear, one body only $1,000 each, exc. condition W Frederick, Sugarloaf, PA 717-788 2453

FARM EQUIPMENT

For Sale 1 row New Idea 323 cornpicker, picked 200 acres, real nice! Engine mounts for 4 cylinder Wisconsin, hydraulic hillside hitch, ready to go for 6 horses Reason for selling bought 2 row cornpicker Asking $2,500 Lancaster Co 717-687-9198

NEW EQUIPMENT

Killbros Grain Bins in Stock

For Rent or For Sale- NI 279 Cut/ditioner

801 Uni power Unit w/818 Combine & 813S 13' Grain Platform

4 Star 8'x18' Bale Rack Wagons. Call For Special Price

WANTED!! Corn Fields with weeds and voluntary corn. We have Brillion 4 and 6 Row Cultivators to solve the problem.

BUSH HOG model 206R 6' and 207R 3pt. Rotary Chopper

7' PEQUEA PTO HAY TEDDERS IN STOCK

CENTURY 300 gal. 10 row Field Sprayer with new pump

Hesston 6550 12' cut SP Windrower, Dsl, w/Hydrostatic Drive (Demo Unit)

USED EQUIPMENT

USED UNI EQUIPMENT
NI 701 Uni w/Cab
NI 702 Uni w/Cab
NI 705 Dsl. without Cab
2- NI 729A Shellers
1- NI 729 Sheller
2- NI 738 Narrow Row Corn Heads
3- NI 710 Combines
NI 711 & 713 Grain Heads
NI 726 Husking Bed w/720 Corn Head
Will mix or match any units

USED EQUIPMENT
JD 12' Packer
NI #44 Hay Rake, real nice cond.
NI #404 Wheel Rake
AC Model A Gleaner 12' Combine
Century 200 gal. sprayer
JD Hay Fluffer
IH 203 Combine
Gehl 600 Harvester w/2Row W or N Corn Head and Pickup
OMC Grinder-Mixer
NH 1890 SP Harvester w/cab, 3RN Corn head and hay pickup
JD 24T Baler w/thrower
3-Gehl FB87 PTO Hopper Blowers
Little Giant Model A Corn Drag (old price)

LAWN & GARDEN
Tanaka Flex-Line and Brush Trimmers in Stock
IH 8 h.p. Rider
Bohlens 21" SP Lawn Mower very good
New Gilson Rototillers in Stock

UMBERGER'S MILL FEED - GRAIN - FARM EQUIPMENT

Dial 717-867-5161 or 717-867-2613 RD #4 (Fontana) - Box 545 LEBANON, PA 17042

New Idea, Hesston, Gehl, Brillion, & Bush Hog Dealers

FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JAN. 1, 1982. ON SPREADERS, GRINDER-MIXERS AND SKID LOADERS TILL SEPT. 1, 1981.

NH 479 Haybine	$2775
Hesston 310 SP Mower Cond.	$775
MF-NI Mower Conditioner	$1295
NH 273 Baler w/or w/o thrower	$1890
NH 269 Baler	$1185
IHC 37 Baler & thrower	$950
IHC Tedder	$150
JD "60" PTO Blower	$475
Gehl Hopper Blower	$350
NH 1880 210 h.p. 3R Fg. Harv.	$13,850
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads.	$995
Fox 2300 Fg. Harv. w/2R Head, Elec. Sharpener, 100 acres.	$4500
NH 800W Pickup Head	$985
NH 69 PTO Baler	$475
NH 269 Baler w/thrower	
NH 518 Spreader w/hyd. endgate.	$1875
AC B Tractor Plow & Cultivator	$985

Call for prices on other equipment

SPECIAL PRICES ON NEW
NH L35, L325 Skid Loaders
NH 315 Baler, 846 Baler, Mowers
NH 474, 488 Haybines
NH 14, 230, 234 Wagons
NH #8 Forage Box w/roof
NH 513, 519, 679 Flat Bed Spreaders
NH 782, 892 Harvesters and Heads

Tedders, PTO and Traction Driven
3200 gal. Spreader with ejector
Garden Tiller, Ariens, 4 H.P.
Killbros Gravity Boxes

ROY A. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

NEW EQUIPMENT
WHITE - 2-45 Tractor
(3) Model 5400 4-Row Planters

NEW IDEA-
213 Spreader w/Single Beater
214 Spreader w/Single Beater
243 Spreader
245 Spreader

BRILLION-
12 ft. Pullveriser

GEHL-
2600 Skid Steer Loader
4400 Skid Loader
940 Metal Forage Box
F-99 Blower

USED EQUIPMENT
Int. 350 Harvester with 1 Row Cornhead and Hay Pickup Head.
Oliver 3242 Mtd. 3-Bot. 14" Plow
Oliver 1850 Gas
White 5400 6-Row Planter, Dry Fert. w/Auger Attachment
MF 4-Row w/liquid fertilizer
FB88 Gehl Forage Blower
Gehl 99 Forage Blower
Int. 550 Spreader w/ Hyd. End Gate
Liq. Fert. Sprayer, ground driven, with John Blue 2-Piston Pump
Super 23 NH Forage Blower

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

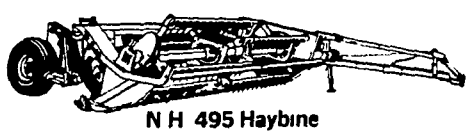
YOU BET... WE DEMONSTRATE CALL US...

NEW HOLLAND

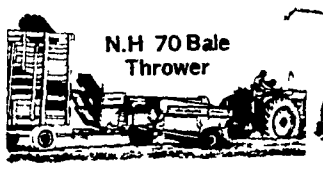
Better by Design
ALLIS-CHALMERS

WE HAVE AN AC 7010 DEMONSTRATOR AT AN EXCELLENT PRICE (106 P.T.O. H.P.)

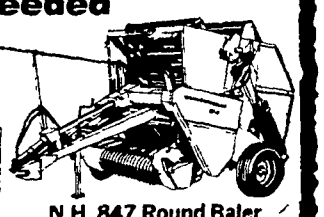
We have a full line of New Holland Hay Equipment at excellent prices with service to back it up when it's needed



N H 495 Haybine



N.H 70 Bale Thrower



N.H. 847 Round Baler

We Have A Good Line Of Used Equipment at Fair Prices

McConnell Forage Wagon, 3 Beater w/Roof
Case 995 S P. Windrower w/10 Ft. Head
N.H. 273 Baler w/Engine
N.H. 273 Baler w/54A Thrower
N.H. 275 Baler w/Thrower
N.H 479 Haybine
N.H 1469 Haybine
(2) N.H. 489 Haybines (Excellent Condition)
Winpower 20,000 Generator like new
A.C. E330 Corn Head, excellent condition
N.I. 325 2 Row Narrow Corn Picker, Ex. Cond
N.H. 55 Rake
N.H. 1495 S.P. Mower conditioner
710 Int. 5 Bot. Reset Plow
N.H. 1469 Haybine with Ford engine
H 461 Haybine
Yanmar 15 H.P. Diesel Demo
Grove Forage Wagon

WAIVER OF FINANCE
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981.

CALL OUR FRIENDLY SALESMAN BOB GANTZ
717-397-5179 or 687-6002 Or Call His Home 653-5020 Anytime

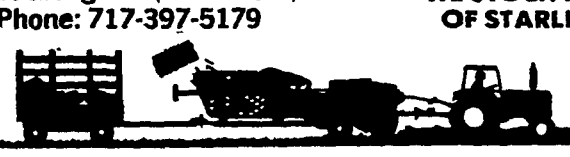
WAIVER OF FINANCE
★ Forage Equipment w/ Hay Heads till June 1,, 1981 w/Cornhead till August 1, 1981
★ Hay Tools till Oct. 1, 1981

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

PARTS & EQUIPMENT SALES & SERVICE

L. H. BRUBAKER, INC.
350 Strasburg Pike, Lancaster, PA
Phone: 717-397-5179

STARLINE
WE STOCK A FULL LINE OF STARLINE PARTS



WHITE Farm Equipment
bobcat
KUBOTA
SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1850
Ferguson TO-30
Farmall M

TILLAGE - PLANTING
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
Int. 249A 2-Row Planter

HAYTOOLS
NH 469 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 30 Ft. Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2-Row & Pickup
Gehl 300 w/1-Row & Pickup

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NH 518 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N.H L425 Loader
N.H 310, 315 Balers
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N.H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver

DUNHAM - BRILLION - LAMCO - BOBCAT -

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

OVERSTOCKED SALE

We're cramped for space and ready to deal

New John Deere Equipment

JD 5440 S.P. Harvester
JD 5460 S.P. Harvester
JD 483 4 row N. stalker head
JD 3 row N. corn head
JD 7' pickup head
JD 336 baler w/#30 bale thrower
JD 6500 blower
JD 660 rake
JD 567 wheel rake
JD 465 tank spreader
JD 1250 3 pt. 3-16 plow
JD 2600 4-18 reg. trip plow

ADAMSTOWN EQUIP. INC.
Bowmansville Rd. Box 456
Adamstown, PA 19501
717-484-4391

FOR SALE

B61 Mack S/A Tractor with tandem lowboy, side load, 20" rubber all units **$5,000**

New Ford 555 Loader, 15' hoe, full ROPS, 4 hoe bkts, 396 total hrs, Coleman scoop forks **$31,000**

M/F 400 Crawler Loader, ripper, ROPS, P S/P S . 1 7/8 yd , 1050 hrs **$24,000**

'73 Int'l Loadstar 1600, 12' flat dump, completely rebuilt Nov , '80 **$7,000**

(Buy out pkg. deal $65,000)

717-668-4682
After 5 00 P.M.
R D 1 Tamaqua, PA 18252

COMBINES

JD 4400 Diesel, loaded with extras, almost new
IH 315, Cab, Hydro, 13' Platform, Very Good
JD 4400 Diesel, Cab, Air 13' Platform, straw chopper
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 6600 SOLD esel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
IH 14 SOLD bine, 650 Hours, Very Good Condition
Late Model IH 715 w/cab, 13' Quick-Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4520 D, Cab, AC, Powershift
JD 4430 4 Post RG, Quad
JD 4320 Dsl. Cab, AC
JD 4020 Dsl. WF Powershift
JD 4010 Dsl.
JD 3010 Dsl.
JD 2030 G SOLD
JD 830 Dsl. 3 cyl.
IH 1456 D, WF
IH 1256 D WF
IH 966 w/Cab & Air
IH 856 D WF
IH 826 Very Nice
IH SOLD sl., WF
IH 574 w/2050 Loader
IH 656 Dsl. WF
IH 656 Gas WF
IH 606 Gas WF Utility
JD 60

MOWER CONDITIONERS

JD 1209
NI 272 Cut/ditioner
NH 479, Very Good

HARVESTERS

MF 260 w/2R Corn Head & Pickup
JD 35 w/2R Corn Head
NH 717 w/1R Corn Head
JD 16A Flail
JD 16A Flail, very go SOLD

CORN HEADS

IH 327 & 844
MF 24 & 63
AC K238, KL 330
JD 244, 343 SOLD 444, 643

BALERS

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JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
NH 276 w/Thrower
NH 268 w/Thrower

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1 - JOHN DEERE 1440 NO-TILL 4 ROW PLANTER WITH 71 UNITS, DRY FERTILIZER, VERY GOOD.
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New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
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NEW FARMALLS: 1086 C.A. 18x38 tires, dual hydrl. for $27,500. New 886 C.A. diff lock 2 valves $22,900 now only $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 Power Shift; 4020 w/Diff. Lock; JD 3020 w/Diff. Lock; JD 3020 side console W.F. diff. lock, dual hydraulic; JD 1530D w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G. real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, Farmall 706D W.F., original, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F.

3 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, New Owatonna #217 9' for $3975, (Combines) New J.D. 4420, 6620 w/grain and corn heads, 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.

Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner F w/2 heads. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; New NI 324 picker w/super sheller; JD 7000 4-row planter w/no-til attchSOLD

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab.

Case 930 CK w/5X Plow. New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift. JD 4010 gas $3800. JD 4020 gas $4900. JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 806 diesel, 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H., 460D Farmall, 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

Cub 185 Loboy w/mower and 3 pt. like new, 154 Loboy, Cub Loboy w/ mower, Cub w/ mower and F.H.

HARVESTERS. (New) Gehl 700 fully eq. w/2 row corn & pick up priced under dealers cost. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/WF, 2020D, 2510D, 720D, 630 w/3 pt. 60 w/p.s.

FARMALLS: 1586 w/cab fully eq. w/duals, used 400 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON 1130D, M.F. 135, Super 90D

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires Ford 9600 w/dual power and dual wheels, Farmall 504 W.F.

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Hay Equip. Specials

Balers: New JD 336 w/thrower, New 346 w/bale chi SOLD
NI 279 Cut/ditioner used on 40 SOLD

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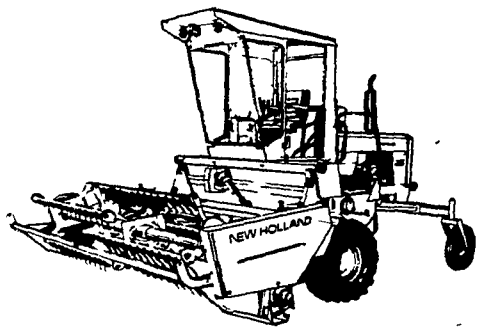

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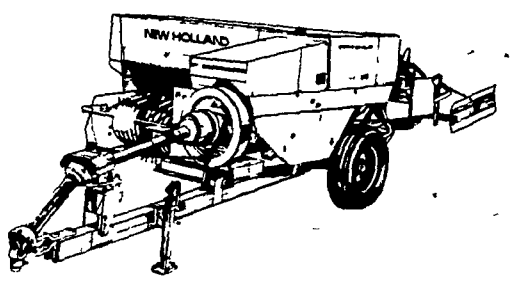

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NH 270 Baler w/thrower
NH 269 Baler w/thrower
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NI 213 Manure Spreader

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JD 4440 Cab Q.R. Radials
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709 Uni forage harvester

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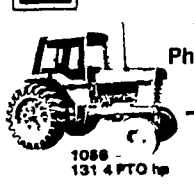

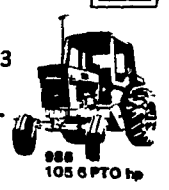

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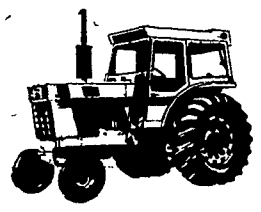

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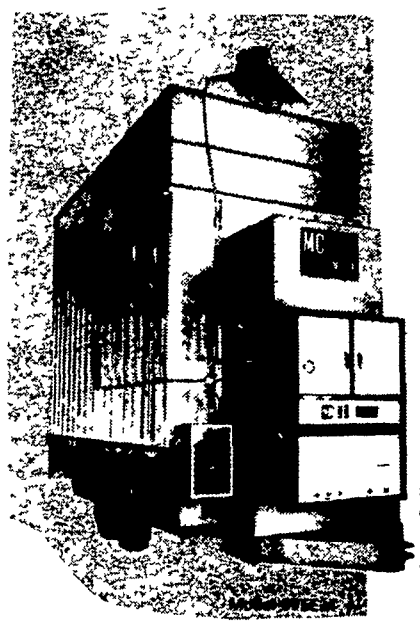

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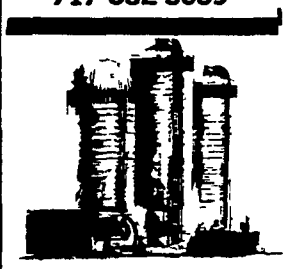

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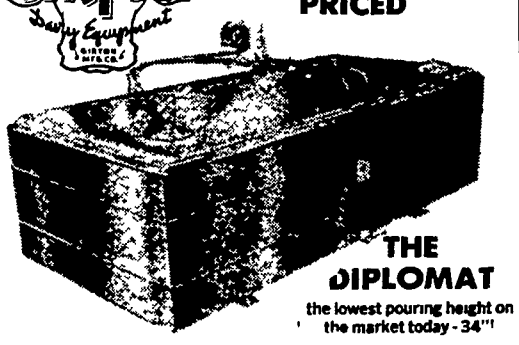

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Now treating cattle is simple and easy Can be adjusted for large or small animals, one man operation

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- ★ Bagged, kiln dry shavings for poultry and livestock
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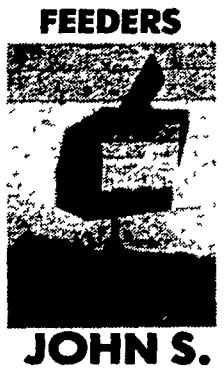
LIVESTOCK EQUIPMENT & SUPPLIES

Wanted - portable hog and sheep scale with wheel assembly/sorting gate Conrad Weiser FFA. 215-693-3121

LIVESTOCK EQUIPMENT & SUPPLIES

1 Teco portable rollover cattle squeeze and dehorning gate $950, 201-873-3825 after 8 p.m.

MINERAL FEEDERS



All wood box, 18"x28" with 16 ga. steel top. 2 compartments, oiler for face flies, heavy all pipe, stand, swivels full 360°

$165.00

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For Sale SAWDUST & SHAVINGS MIXED
Fresh cut or cured
Bulk loads 12-14 ton dumped or 16-18 ton conveyed.
Call between 6-8 a.m. or 5-9 p.m.
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RD 1 Liverpool, PA
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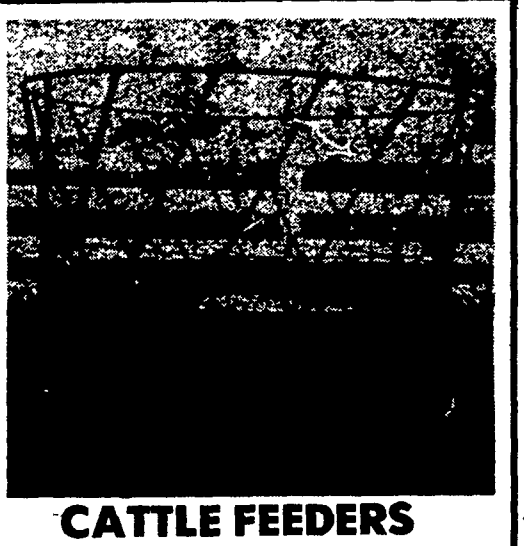

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$200.00
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17 hd. capacity.
Suitable for round bales or square bales, grain or silage. 5/8 exterior plywood flooring.
For delivery please call
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Bird-In-Hand, Pa. Box 515
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YOU CAN GET QUALITY PRE-CAST CONCRETE HOG SLATS FROM A LOCAL MANUFACTURER!
- Low Cost - Long Life
- Smooth, Rounded Edges
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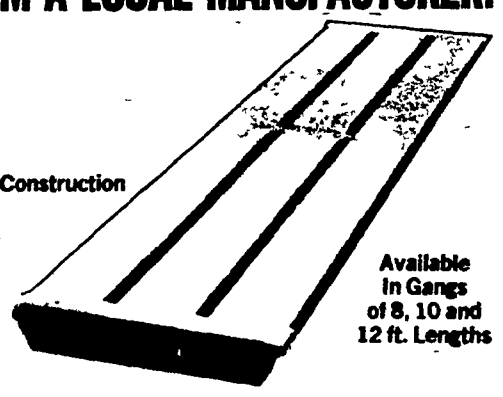

Available In Gangs of 8, 10 and 12 ft. Lengths

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CATTLE

Registered polled Hereford bull, Domino bloodline, 15 mo old. 215-932-8996 after 5 P.M

For Sale - One Holstein cow with 3rd calf with health chart. 215-381-3766

Dairyman, Dealers - Fancy springing heifers and cows from Pennsylvania and Canada. Over 100 head available Sekerak, Corry, Pa 814-664-2365 664-8804

For Sale - Charolais bull, 13 mo old, purebred but not registered, very nice 717-776-5935

SHARE LEASE NOW AVAILABLE on 80 cow Grade A dairy in southern Augusta County, Shenandoah Valley of Virginia References and financial statement required. For details contact Owen Thomas, III, Rt. 2, Box 335, Staunton, Va 24401. Phone (703) 885-1278 or (night) (703) 337-1847

For Sale - Reg. Jersey bull born 7-31-80. Sire Frederick. Dam. VG 81 pt. Generator. 14,600 milk 5.0% 733 Fat. Berks Co 215-944-0541 evenings

Angus cross commercial cows with March and April calves at side. 800 pound yearling Angus cross commercial heifers, performance data available Sired by performance tested Angus bull. 717-789-3747

5 registered Black Angus cows, 1 bull sired by Ankonian Dynamo, 1 yearling bull, Duncannon, PA 717-582-4596

For Sale - Breeding age bull, sire Cavalier dam Rosemere Fury Ivan with records 25,000M 820F. Dam is Ex 215-273-3585. Chester Co

For Sale - Registered Holstein service age bulls, out of dams to 26,000 lb production, Sired by popular bulls, also registered springing heifers 717-653-5663 Shelmar Acres, Lancaster Co

10 Registered Holstein Heifers, bred to and by proven A1 bulls Dam with records to 23,000 lbs due August thru Dec 1 302-65[illegible]558

6 Angus beef cows with calves, also 12 700 lb. Angus heifers, Lancaster Co 717-529-2571

3 yearling Holstein heifers, 717-768-8679 eves.

LIVESTOCK EQUIPMENT & SUPPLIES

For Sale - 12 used Chore-Time feeders, 60 used Hover brooders, 37 used Vent-O-Matic fans Call 717-656-4151. Ask for Leon Martin

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FOR SALE 2 real nice red, white Holstein young heifers Happiness Hills, Addison, NY (Steuben) Call 607-458-5414

Registered polled Hereford cow/calf pairs, yearling heifers. Farmers prices A1 bred to top bulls 215-323-8892

Purebred Black Angus bull, approx 8 mo old 609-894-8798

For Sale - Bred Holstein heifer, grade, due Oct, dehorned, vaccinated & tested, $925 Chester Co. 215-932-2030

For Sale - Grade Holstein heifers, bred & open. 717-272-6023 after 5.30 P.M. Lebanon, Pa

For Sale - Registered Holstein bulls, 1¾ yrs & younger Most with dams over 20,000 lbs. milk record. 717-272-6023 after 5.30 P.M. Lebanon, Pa.

Bull - Milestone son, out of a dam with 4.7 test, approx. 800 lb. asking $950, Abram L. King, Rt 1 Box 171, Kinzer, PA 17535

For Sale - Registered Holstein bull, 12 mos, good disposition. Sire Willow-Farm Rockman Ivanhoe. Dam Bootmark daughter Milleridge Farm, Orange Co., NY 914-294-5290

Wanted - Holstein heifer calves from Berks Co area. Call 215-926-3298 or 215-926-4409

For Sale - 12 Holstein above average cows, due to freshen in August Mostly grade, few registered, $1500 head, 301-733-7281

Acclamated feeder steers, all breeds, 700-900 lbs 70 cents per lb Middletown, Pa 717-944-1346

LIMOUSIN - Grand champion bull at recent Eastern Limousin show now for sale - 14 month old purebred. Ph Line Limousin 717-243-1281

For Sale- 11 Angus cows with 3 to 5 months old calves York Co 717-229-2210.

6 nice Grade heifers. 717-328-2458

15 bred heifers due Sept & Oct., bred to Skyline Jerri Star Call 215-377-4549 after 3 30 p m Carbon Co.

Bred reg and grade Holstein heifers for sale, due early September Danda Farms 717-626-5295

Registered SWD Valiant bull born 10-20-80 Dam VG Elevation 17,743M, 630F first lactation James Yale, Nottingham, Pa. 301-658-5178

For Sale- Reg Holstein heifers from Rocket, Marvex and Chief, due in June, July and August 717-733-4519

4 Chianina cross open heifers from excellent cows, 3 red, 1 black body, also 1 yearling reg polled Hereford bull sired by Vindicator 814-784-3227

For Sale- registered polled Hereford young bulls, 717-292-4509

For Sale Reg Red & White Holstein, classified 82 2 yrs - 12,990 M, 467 F Dam VG Elevation with 21,000 Carroll Co , MD 301-848 1721

Grade Starmat Son, out of High producing dam, 8 mo 717-548-2469.

For Sale - 2 Milestone sons, 1 service age, 1 6 mo. old , 1 dam EX 90 other GP82 with 3 records over 20,000M 700F. Avalong Farms, Inc., York, PA 717-755-4729

CATTLE

I am an order buyer and trucker of feeder cattle, have many satisfied customers in your area, if interested in ordering cattle call collect 703-465-5785 between 8-10 p m

Registered Holstein bulls, 1 year old and younger. Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792-3216 York County

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment Specialize in selecting cows for customers Free delivery. Call collect Reuben Greenberg, Inc, Columbus, New Jersey 08022 Phone 609-298-1021."

For Sale - Service age Holstein bulls Dams classified VG with records to over 24,000M & 1,000F John Stump, Bernville, Pa Ph 215-488-1965

Wanted - Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don't sell until you call me Call collect - Reuben Greenberg, Inc, Columbus, NJ 609-298-1021

Wanted - Herd of dairy cows or heifers, 301-358-0412

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164

CATTLE

30 large Holstein heifers, some registered from dams producing to 23,000M Freshening July-Sept 717-229 2055

For Sale - Registered Jerseys Young herd of milk cows with DHIA records All good sound cows Will sell all or part 301-865-5842

2 yr old Angus bull, Canadian breeding, Genel Marshall, very gentle, 717-292 4855 after 5.

2 reg Holstein cows, first calf Marvex, fresh May, 63 lb milk, dam 3-05, 19576, 3.5 694 2nd cow, 2-11 rec., 278, 14514, 3 8, 545, bred 9-18-80 to Jet Stream 215-593-6036 Chester Co

For Sale - one Holstein cow springing with 4th calf and 22 heifers now through Oct 717-949-3842

Registered Holstein bull, 1 yr old 1-16-81, Dam top cow, last record 326d 23,000M 996F, Maternal sister almost as good, over 950F 301-348-5640

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LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
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For Sale - Large choice Holstein heifers, bred & open, over 350 or choose from Harmony Dale Farms, Phillipsburg, NJ 201-859-2616

CATTLE

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CATTLE

Sale or Trade - Registered Black Angus bull, 14 mo, good disposition, aggressive Dynamo breeding 717-548 3414

CATTLE

Angus bulls registered age 16 months. Large framed, growthy, not fat. Wye and western breeding Heifers too. Certified accredited herd. Logan Spring Farm, Bellwood, Pa 16617. 814-742-8097

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SWINE

For Sale - Purebred Spotted boars & gilts Satisfaction Guaranteed. Free delivery Hobart Muller, R D 2, New Oxford, Pa 17350. 717-624-2320

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R2, Strasburg, Pa. 717-786-2562

Reg Yorkshire Boars, Bred Gilts, and Open Gilts Will deliver. Red Run Farm, RD #2 East Berlin, Pa. 17316 717-292-4634 York Co.

14 Bred York-Landrace sows carrying 3-way cross litters. Due July 6-26. 8 York-Landrace gilts carrying 3-way cross litters, due Aug. 1-8. Also 6 York sows due Sept 5 & 6 Perry Co. 717-536-3576.

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For Sale
Duroc and Landrace Boars
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters. Crossbred litters maintain a 9 plus weaning average over 400 litters per year
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SWINE

125 Hampshire - Yorkshire open gilts Also service age boars of both breeds John Strawbridge, Stewartstown, Pa 17363 301-996-2022

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa Phone 717-658-6544

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For Sale - Feeder Pigs. We aim to please. 304-586-2823.

SERVICE AGE BOARS. Straight Irish or other foreign bloodlines No. U.S. breeding in our herd. Reno H Thomas, Brooks End Farm, Beavertown, Pa. 17813 Phone 717-658-5821

YORKSHIRE AND LANDRACE boars and gilts of all ages Pseudorabies negative tested boars for sale at all times Production tested, certified meat tested, Show winners with many carcass champions Daily drive-in and drive-out service. Reno H Thomas, Beavertown, PA 17813 717-658-5821

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Reducing flock. Corriedale X ewes and lambs for sale. Healthy and thriving Custom spinning of your fleeces into yarn N. Cecil Co. 301-398-8920

Hampshire Sheep. All registered 3 yr old proven ram-twin - exc bloodlines Also ewe lambs and yearling ewes 301-898-7462

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Suffolk lambs - registered Quality breeding stock and fast gainers. Chester Co 215-495-7748.

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SHEEP & GOATS

For Sale - 500 ewe, mostly suffolks John F Stamy 717-776-5264

Polled Dorset breeding stock available Yearlings & lambs, Registered & nonregistered 201-534-4644

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Purebred registered Nubian dairy goats for superior milk flavor and digestability Top pedigrees Various ages, both sexes available Gettysburg, 717-334-4993.

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SWINE

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Wanted - Japanese army saddles, canvas underside, brass trimmed extension out of cantle. 609-478-2487

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1 load of standard bred carriage horses, out of Ohio, will hitch 6-15, at 7 p m Elam B Stoltzfus Rt 1, Ronks, PA

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Tri-State Area
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Service age registered polled Hereford bulls, also spring calving cows and heifers, top bloodlines, farmer prices W Paul Halsey and Son, Harford Co, Pylesville, MD 301-452-8621

Registered Hereford yearling bull and heifer, $600 ea 717-334-3505

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Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
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Crossbreed with one of my Purebred, performance tested bulls to produce the larger framed, higher cutting cattle required for modern quality lean beef production. Charolais since 1961. Delivery available.

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40 HOLSTEIN FEEDER BULLS
7-8 mo. old
500-700 lb.
All Vaccinations
$.60 lb. or best offer
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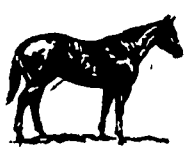

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FOR SALE
American Saddlebred Horses
Carriage & buggy Horses

SPECIAL
One load of Kentucky saddlebred horses from Don Boring Stables at the New Holland Sales Stables
Monday, June 22
12:00 Noon

Horses will be hitched at farm June 19 & 20 in the evening
Farm is located 1 mile north of Bareville on N Hershey Ave.

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318 head of exceptional straight Rambouillets from New Mexico $120 00 per head

One load of good quality straight Rambouillets from Texas, $115 00 per head

900 head of Blackface crossbreds - Rambouillet - Suffolk crosses, $105 00 to $115 00 per head

40 head of registered yearling Suffolk rams, $300 00 per head

These are all high quality yearlings guaranteed to be free from foot rot They will be treated for internal and external parasites upon arrival at our pens For more information contact

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I have top quality bred and open gilts from good bloodlines, plus a good selection of boars. Quality Durocs at low prices. Durocs since 1959. They are my full time business, not a sideline.

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YORKSHIRE BOARS - DUROC BOARS

QUALITY - Our hogs are marketed at Hatfield Packing Co. 95% #1. No T.B.

PRODUCTION 1979 - 131 Litters, wean ave. 11.3. 1980 - 97 litters, wean ave. 11.5 1981 - 32 litters, ave. wean 11.3.

FEED EFFICIENCY 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain.

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Approx. 100 boars available at all times.

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Yorkshires	Durocs
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Lebanon, PA	Lebanon, PA
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Next Production Sale August 21

HYBRID BOARS & GILTS
Boar Lines

M x D	Y x L
Aggressive	White Line
Sound Legs	Large Litters
Fast Growing Pigs	Good Mothers

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SWINE

SWINE

AGGRESSIVE YORKSHIRE BOARS
For Sale
Delivery Available - Guaranteed
Brucellosis & Pseudorabies
Tested Negative

NSIS Index

Boars	Gain	Days to 230	No. Weaned	Feed Efficiency
4-8	2.25	162	9	2.7
5-6	2.13	158	8	2.7
4-6	2.37	153	8	2.7
8-1	1.94	170	11	2.7
5-2	2.16	158	8	2.7
6-4	2.22	163	10	2.7
4-9	2.17	153	9	2.7

Purebred and Crossbred Open Gilts For Sale
Service Age Boars For Sale At All Times
Here are a few FACTS about OUR YORK HERD

1 - Sows wean 10, gilts wean 8
2 - Death loss ¼ of 1% from weaning to market
3 - Market hogs reach 220 lbs. between 5 & 5½ mos.
4 - Our mothers are squatters - less than 1% babies mashed
5 - Hogs marketed at Hatfield 98% No. 1's

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One Read feed bin, 18 ton capacity, new, slightly damaged, assembled, $900 717-738-1527 after 6 P M

For Sale - 20 Ritchey automatic hog waterers, 6 hole lids 215-458-5223

For Sale - Durocs Service Age Boars, excellent western bloodlines, aggressive and sound, delivery available. Validated Brucellosis free herd #133, qualified Pseudorabies negative herd #34. Rick Pfautz, RD #1 Stevens, Pa. 215-267-3739

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SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
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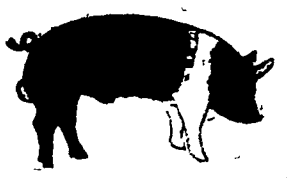
SWINE

SWINE

For a **productive** 1981...
Add a HAMPSHIRE BOAR to your herd.



Good selection of SERVICE AGE BOARS AVAILABLE. Gilts presently all sold until late summer. (Top Indexing Hamp Pen at O.S.U. Test Station w/81 144 Days to 230#, BF .81, LEA 5.8, 65% Lean Cut)

HAMPSHIRE HAVEN Val. #466
Bryan Eick & Family PRV #81
8619 W. Old Lincolnway
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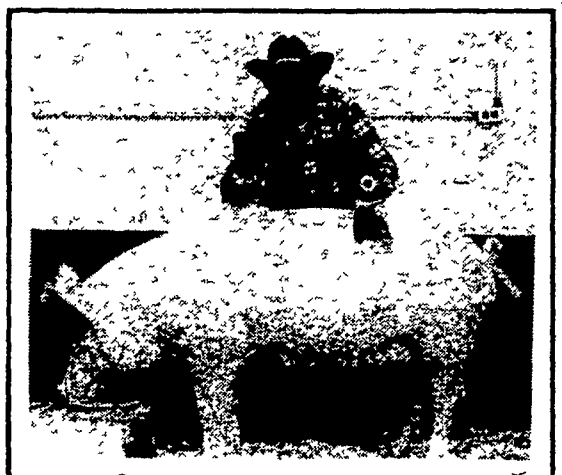

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% Growing Mort.	1.7	1.3	0.8	2.3	3.0
% Laying Mort.	6.3	5.9	8.9	11.9	17.2
Feed/Doz.	3.68	3.95	3.78	3.85	3.89
Value of Eggs	($) 11.15	11.11	10.77	10.89	9.65
Value of Meat	($) 0.40	0.46	0.42	0.39	0.37
Eggs/H.H.	271.0	265.3	255.6	257.5	223.8

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ProLasse 8%
All Natural Molasses Base Liquid Protein Make sweet feed with an P T O mixer, From manufacturer Wholesale, retail, dealer inquiries invited 301-343-0343

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For Sale Dry shelled corn Stump Acres 717-792-3216 York Co

For Sale - Williams Soybeans, $9 00 bu Ph 215-287-7878

For Sale - Hay out of the field, by the acre or can be made on the shares, PH 717 734-3462 Thomas R Shear, East Waterford, PA 17021

16% pasture nutrient balancer, wholesale, retail Telephone collect for name of dealer 301-343 0343

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16% protein haylage activator, wholesale, retail Telephone collect for name of dealer 301-343-0343

Corn - $130 ton, 5 ton minimum Inquiries call Bill Davis 301-732-7277

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Certified soybean seed for sale at over stocked prices Delivery available in Lancaster County Dealer inquiries welcomed Call Greensboro Supply, Inc , 301-482-6211

Clean barley straw from 1981, picked up at field, 50 cents per bale or $33 per ton York Co 717-993-6152

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100 ton ear corn, Columbia Co 717-458-6234

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10x40 silo of good corn silage, $2000 takes all 717-776-7724 Cumberland Co

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Will pickup
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Daffin Feedmobile mounted on F700 Ford Truck, both new in 1973, suitable for on-farm use $5000 Greensboro Supply Inc 301-482-6211

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Sweet and Green silage preserver
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Sweet and Green insures you good haylage, reduces leaf loss. Also avoid run-off. This also is good to use in baled hay. Your hay or haylage and corn silage will not heat as much plus gives higher protein. 1 lb. per ton. With orders of 4 bags or more - 75¢ per lb. 1-3 bags - 85¢ per lb. We will ship UPS or by truck.

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HIGH MOISTURE SHELLED CORN
in pneumatic blowing with only 3% fines, will have new corn to contract or sell out of the field.
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I can provide cleaning and hauling during the following months: June - August - September and December thru March.
Schedule your houses Now!
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40,000 tomato and pepper plants, all varieties, 201-637-4927, 201-852-3735 eves.

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For Sale - Tobacco plants. C.K. Stoltzfus, 1 mile South of 23, S. Groffdale Rd

For Sale - Tobacco Plants, Jonas Lapp, RD. 2 Myerstown, PA

Tobacco plants for sale 717-872-5554

For Sale- Swarr tob plants, will pull, Samuel E Fisher, 2655A Bachmantown Rd., Rd 1, Ronks, PA 17572.

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Painting Most any kind Reasonable rates Should have transportation Lancaster County Write Box 366 J-174, c/o Lancaster Farming, Lititz, Pa 17543

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No Sunday Calls

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Wanted - A custom baler to bale 200 acres of hay at Lauxmont Farms, Rd 1, Wrightsville, PA 17368 Call 717-252-3649 weekdays, between 8:30 A M and 5 P M

Single male, 35, looking for Summer employment working with beef cows, horses or hogs Write to Mike Meininger, 338 Jefferson Road, Pittsburgh, Pa 15235

Poultry farm family with eight years experience desires employment in a laying hen operation 814-735-4536.

HELP WANTED

Wanted - Experienced person to work fulltime on dairy farm in West Chester area. References, Call 215-436-0444 days till 10 p.m

Sales Territory Manager
East Coast area. For farm machinery manufacturer Agricultural Sales Experience necessary. Excellent opportunity for energetic individual Salary and commmission with fringe benefits Send Resume to
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Wanted - Experienced stationery diesel mechanic. Call 717-768-8555 for an interview Must be able to drive small service truck. Big pay, good benefits

Equipment Mechanic - needed to maintain sweet corn harvesting equipment, trucks and other vehicles, agricultural equipment maintenance background essential, John F Cope Co., Inc Rheems PA 717-653-8075

Wanted - person to milk and care for cows in parlor, references required, house, etc DeGroft Farm, Westminster, MD 301-848-0754

Job opening on Dairy Farm in Baltimore Co., MD Experience & reference required 301 592-7992 after 6 P M

Married person for general farm work, house and priviliges plus good wages 717-786-2839

HELP WANTED

Wanted! One top salesman in the field of farm machinery, Able to set your own pay with commission sales plus a weekly salary Call Harry Elder, Elder Sales & Service, Inc. Stoneboro, PA 412-376-3740 or 376-7711

Person to live-in on dairy goat farm, room and board Call 215-679-8970

W-Husband & Wife for 120 cow dairy herd in S York Co REferences and experience needed, Salary plus bonus and benefits, only those looking for longtime employment need apply 717-862-3970

Married man to work on large dairy farm in Northeast Pa Ability to milk a must Position entails barn and some field work Housing provided. Benefits Pay according to ability and experience Call 717-289-4234

Wanted - Husband & Wife for 120 cow dairy herd in S York Co References and experience needed, Salary plus bonus and benefits, only those looking for longtime employement need apply 717-862-3970

WRANGLER Single mature person, 18 to 25, for summer position on small PA guest ranch Must be good rider! Duties include trail riding, instruction, gymkhanna, complete care of 12 horses, stable, tack Must be hard working, dependable, willing to join in all areas of guest activities No dependents or pets Serious inquires only! CHESTNUT HILL RANCH R D Shinglehouse, PA 16748 Ph 814-698-2400

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PA Company looking for ambitious person interested in selling barn & feed lot equipment. Knowledge of agriculture required, excellent present volume.

Reply to
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c/o Lancaster Farming
Lititz, Pa. 17543

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Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area. Prefer Bedford-Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity. Reply to Box 366 JH-137, c/o Lancaster Farming, Lititz, Pa 17543

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Experienced person with family to run 200 cow modern dairy operation Salary based on qualifications 301-874-5229

Wanted - Person experienced in beef cattle management for farm in Southcentral Pennsylvania Must have knowledge of crops & equipment House provided, good salary & benefits Reply box 366 L-149, c/o Lancaster Farming, Lititz, Pa 17543

Tenant farmer needed 2 bedroom house available Write to P O Box 6345, Linglestown, Pa 17112 or call 717-545 0314

WANTED SALES MANAGER

Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management exoerience is essential A background in animal nutrition helpful Salary commensurate with experience

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Lancaster Farming
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Above average earnings
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For more details, please contact:
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R.D. #6, Long Lane Rd.
Lancaster, Pa. 17603
Ph: 717-872-7342

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For Sale - an old established retail feed business in central PA. Owner for 30 yrs. retiring. Partial financing available Old Port Milling Co, Port Royal, PA. Phone 717-527-2274

For Sale - Profitable IH Farm Equipment Business 60 miles from Lancaster, Stockholder has other interests, would help finance an approved buyer. Phone Mr. Lehman 717-733-0331, evening 717-528-4221

For Sale- Chain saw, lawn mower business Complete stock of parts & Units Briggs & Stratton, Tecumseh, Kohler & Wisconsin parts Lawn Boy & Snapper mowers & parts Husqvarna, Pioneer, Echo, Polans & Jonsereds parts & units Complete or partial sale 302-678-1085

NOTICE

Buyers wish to contact garlic & ginger planters in Lancaster area, for Autumn delivery, Moses Chu, P O Box 202, Paradise, PA 17562 717-687-8751

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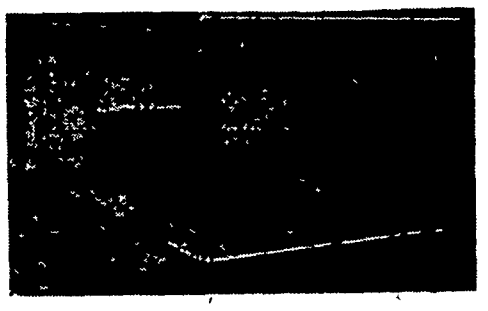

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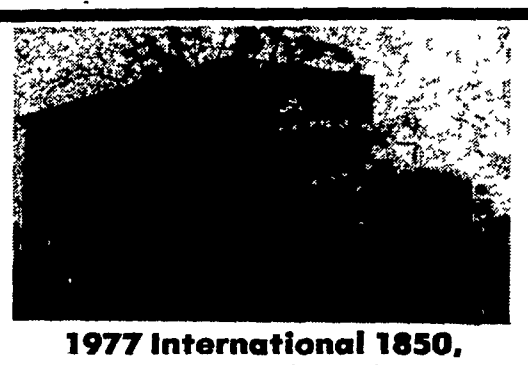

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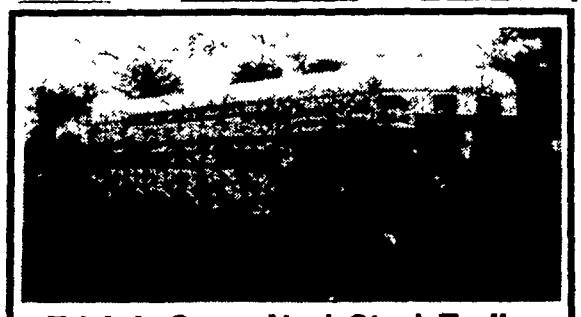

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Superior Opportunity, decent home, traffic galore, cooler room, very long livestock or storage bldgs , car lot, store, up to 8 acres, New Jersey, near seashore, could be roadside market, poultry, calf, hog, organic farm Insignificant rental, great potentials Rent all or part When others rent, where will you find opportunity to make- big money with rental below cost of owning Friendly Phil, Owner 609-881-7023 early morning, evenings

37 acre Juniata Co farm with 3 bedroom home, barn, block building, others Excellent condition Suitable for poultry, hogs Ph. 717-694-3723 or P O Box 161, Hummels Wharf, Pa 17831

100+ acre farm Central Penna $70,000 00. Owner may finance with 30% down Betty Steinbacher Realty, 1824 E Third St , Wmspt , PA. Phone (717) 326 3587

37 ACRE CARROLL COUNTY FARM - swine and sheep operation - 4 bedroom home + a mobile home - Owner financing

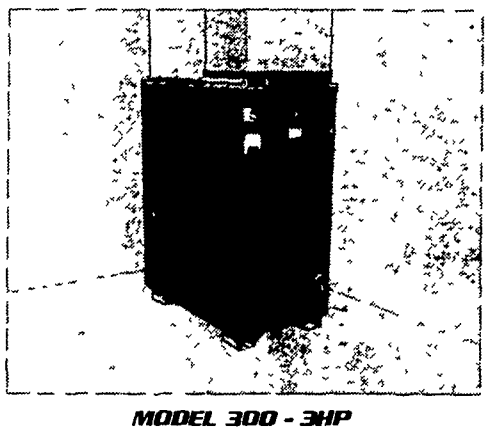
49 ACRE FARM - Owner financing - Large 4 bedroom brick home - stock farming - near Hanover, Pa $124,000.

119 ACRE GRAIN FARM - Large stone home needs restoring - 6 miles south of Gettysburg - possible owner financing - $175,000
HAINES REALTY
Westminster, Maryland 21157
301-848-1214

MISCELLANEOUS

friction heater

U.S. PATENT NO 4 143 639
CANADIAN PATENT NO 1,1,6 47



MODEL 300 - 3HP

DESIGNED TO HEAT A PROPERLY INSULATED 1200 SQ. FT. HOME

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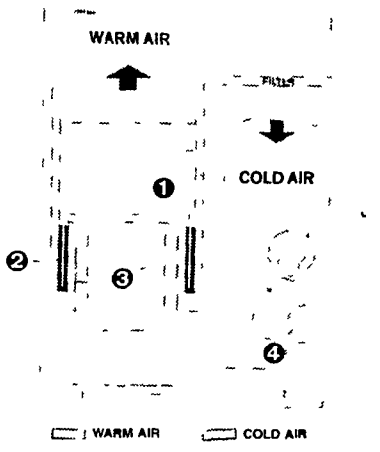

THE HEATER IS DESIGNED ON THE SIMPLE PRINCIPLE OF FRICTION THAT IS, THE FRICTION IS TRANSFORMED DIRECTLY INTO HEAT

THE FRICTION IS CREATED BY A CYLINDRICAL SPINNING ROTOR 1 THAT IS CENTERED IN A STATIONARY OIL FILLED CAVITY 2 THE OIL TO ROTOR CONTACT DEVELOPS THE FRICTION NECESSARY TO PRODUCE HEAT THE ROTOR IS POWERED BY A 220 VOLT 3 HP MOTOR 3 HEAT IS FORCED UP AND OUT BY A SELF CONTAINED 110 VOLT ¼ HP FAN UNIT 4

For More Information
Call 717-548-2896
Company Representative - Irvin Z. Seibel

REAL ESTATE

Desirable cottage for rent by week in Mt. Gretna Area, 717-426-3630

For Sale - 214 acre farm, 80 acres tillable, beef barn - 40 x 140 with silo - 20x50, bank barn - new roof - 40 x 50, 2 broiler houses - 3 floors - 42 x 500'. Two Ranch type homes - one brick 30 x 60 with 2 car garage, one 24 x 40 Located in Cambria Co 814-674-8454 or 814-886-8916

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For Sale - Southern Chester Co , 20 acres improved 717-786-2131

Wanted - Young couple wants to rent dairy farm in southern Lancaster Co Call 717-786-4763 after 5 30 p m

HOG FARM FOR RENT

40 acres, 2 story brick house, pond, 3 buildings 100, long with pit, heated floor, etc Butcher shop, Adams Co. 717-632-6968

FREE NEW SUMMER CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF-6, WEST REAL ESTATE AGENCY, INC , 2728 Murray Ave , Pittsburgh, Pa 15217

MONEY MAKING FARM

Dairy or beef cattle farm, 192 acres 7-room & bath home with appliances, 2-car garage, 60x80 barn, 2 silos, barn cleaner, 625 gal bulk tank, dump station, shop, chicken coop, stream & pond, livestock & equipment available if desired No A-7877 WEST REAL ESTATE AGENCY, INC , Office 12 Canton St , Troy, Pa 16947, Phone (717) 297-4026 or 297-2777

OUTSTANDING

Fabulous 200-acre horse ranch between Troy, Pa and Elmira, N Y , modern 10-room 2-bath home, 3-car garage, trainer's quarters, 3-bedroom tenant house, A 1 barn with tack-room & 20 stalls, new modern indoor arena 120x72 with 14 stalls, outdoor arena 150x250 with speaker system, private pond & stream Available for purchase with less acreage if desired No 7838 WEST REAL ESTATE AGENCY, INC , Office 12 Canton St , Troy, Pa 16947, Phone (717) 297-4046 or 297 2777

OUTSTANDING

Gorgeous executive's redwood cottage with approx 15 acres, near scenic McConnellsburg in southern Pa , 3 bedrms, 2½ baths, 3 fireplaces, magnificent sundeck views! No 6593 WEST REAL ESTATE AGENCY, INC , Office R D #1, Box 154, McConnellsburg, Pa 17233, Phone (717) 485 3275

78 acre farm in Kempton, 3 BR stone house, Living room with fireplace, Ultra modern kitchen, finished attic, screened-in porch, 5 car garage, stone barn, 90% owner financing, available at 12½% interest to qualified buyer, 3 yr balloon $239,000 215-756-6177

Farm For Sale or Lease Purchased 54 acres near East Petersburg, modern double house, 10,000 bu grain bin, hog confinement, other buildings $260,000 717-569-4526, 898-2829

REAL ESTATE

38 acre level farm set up for cattle feeding start to finish, crops in field included 2½ story log house near Licktdale, Lebanon Co , will be sold @ Public Auction, Sat., June 27 @ 1 P M. Call HORNING FARM AGENCY, INC. 215-286-5183 or 717-865-4329

For Sale - Perry County, 1 to 8 acre woodlots, approved PH 717-438-3115

Farm for sale by owner - 290 acres plus or minus in Bradford Co near Troy 2 houses, 40x100' bank barn, 13 hay 40x80' equipment barn, 2 streams, 1 acre reservoir, excellent hunting, currently used for beef 717-297-3394

For Sale - FARM 15 acres, stream, 2 family house Marie Sterchele, Wheat Road, Vineland, N J 08360

TERMS THAT BEAT FmHA! N E PENNA, Over 200 acres, awe-striking farm, excellent dairy barn, 60+ stanchions, silo, modern milk house, huge 30x70 equipment building, beautiful prideful home, 4 bedrooms, apartment, 6000' road frontage, lake and stream Move your herd in and start business $200,000 George H Zerebak Realty Rte 370, Lakewood, PA 18439 (717) 798-2113

125 Acre Farm, Good Land, Buildings, Location, 25 Acres with Roadstand, 50 acers with cottage, 9 acres with pond, Riverfront Estate, Lots at desirable locations, Large commercial , Garage, showroom, Livestock, poultry, grain, vegetable farms, good farming areas in New Jersey What farm do you want to buy, sell, rent? Philip F Gardiner, Real Estate Broker, 609-881-7023 early morning, EVENINGS

YORK COUNTY FARM: Ideal for livestock operation Buildings include 2½ sty, 3BR farm house, large bank barn, corn crib, hog house, chicken house, 2 car garage, 33 ac m/l, only $75,000, owner will take a sales agreement! Value Real Estate 717-246 1676

Eastern Bradford Co 56 acres, beef or dairy farm, 7 room plank constructed home, black top road frontage, excellent bank barn with water, pasture is fenced, fields are good producers of hay and corn, all utilities Owner will consider sub dividing Donald H Barth Real Estate, Salesman Seth Johnston 717-746 1457

Duncannon Acreage 108 acres, 59 acres tillable, 49 acres wooded, more acreage available Large barn negotiable Call for details $112,000 Stuart Derrick Real Estate, Inc 717-957 2887

For Sale - Farmland, 500 acres, about 100 acres woodland, 3 complete sets of buildings Can be purchased in one parcel or in lesser amounts Near Troxelville, Snyder Co Park F Thomas, R D 1, Beavertown, Pa 717-658 6544

North Baltimore Co Farm, 172 acres, 3 miles off I-83 with 125 acres of cropland & 47 acres of woodland, some farm buildings included Also has 55 acre parcel with 39 acres tillable, $2000 per acre 301-343-0713 eves

For Sale - 2 tracts of woodland with road frontage (1) 10 acre, (1) 19 acre Levi P Kauffman, R D 2, Box 123, Honey Brook, Pa. 19344

Farm-So Schuylkill Co , 45 8 acres, 90% tillable, $72,500 Call Key Realty 717-385-4915,

For Sale - Secluded woodland with stream, Octorara area, 9½ acres Call evenings 215-593-6390

REAL ESTATE

For Sale - Completely automated 35,000 bird layer operation, 2 Br mobile home, on 15 acres in Berks Co (215) 562 7776

By owner - 1½ story house, with carport, 1¾ acres woodland setting, 3 bedrooms, kitchen, living room, 2 baths Bowmansville, Lanc Co 215 445 5880

49 Acre Farm - Located near Brogue in York Co, Fine 2 story frame home Barn for 60 steers, 68x27 ft tobacco barn, corn barn and pond, good level fertile cropland, some seller financing $185,000, Century 21 Eppley Real Estate, York 717-854-0008

22 acre farmette, 12 tillable, block home, located on Wolf Rock Rd, Paradise Twp, Lancaster Co Ph 717-442-4279 eves for details

Large bank barn and silo suitable for pig farm, storage or any other purpose, cheap rent Riverson, 215-MO7-5329

Approx 74 acres with 40x60 bank barn (no dwelling) 34 to 40 acres cleared (farming) balance ridge with timber, small stream, along hard top road, 7½ miles northeast of Burnham, PA (in Decator Twp) Mifflin Co, PA Price $78,500 firm, 717 248 4630

78 ACRE NEWPORT, PERRY CO. FARM
55 tillable, 15 timber, with pond and spring, ood 4 bedroom farm house with full bath New well, 7 yr old o hw furnace, L-shaped barn 40x60 with 30x30 straw storage, 4 stalls, 2 story chicken house, machinery shed 30x60' 1400' hard road frontage Owner financing $129,500 To see call Charles Adler and Son, Realtor, Harrisburg 717 238 0481 or listing agent Wayne Hartzell, Newport, 717-567-3266

Wanted to rent - Dairy farm in Franklin Co, PA PH 301 797 6460

Farm For Sale - 120 acres, 85 acres tillable, 8 acres woods, 27 acre meadow with stream, red soil with sand content, new broiler house, 54,000 capacity, 22 crate farrow to-finish operation, 2 family house, N Lancaster Co $470,000 by owner Write Box 215, Manheim, PA 17545

REAL ESTATE

For Sale - By Owner - 200 A farm, 96 cleared, 70 tillable, creek, springs, fenced, cross fenced, very good buildings, milkhouse, stanchions, 10R 3B house, orchard, alfalfa, terms possible, trailer hookup, $225,000 Bedford Co 814-784-3158

180 acre beef farm, 130 tillable, level acres, 10 secluded buildings, financing or machinery available, Corning NY, owner retiring $125,000 607-962-6668 or 215-885-1458

For Rent - Farmhouse, experience with farm work so can help with chores Write P O Box 366, J-175, c/o Lancaster Farming, Lititz, Pa 17543

For Sale- 20 acres of woodland in Juniata Co 717-436-2500.

SULLIVAN CO, PA- Hunting lodge, 4 bedroom double A-frame home, kitchen, dining room, living room with fireplace and cathedral ceiling, sewing room, bathroom on first floor, large deck on second floor, on 1 acre adjoining state game land 66, $38,500 4 more adjoining acres possible 717-928-8774

Shenandoah Co, VA - 144 acres, gently rolling, approximately 100 acres tillable land, long frontage on creek, improvement include 2 story frame house, large bank barn, will sell on terms.
VA Farm - 335 acres dairy farm in full operation, current design, 1500 gal tank, double 4-6 Herringbone, land easy to cultivate, ample water supply & 2 houses with baths Contact B K Rouse 703-740-8867, R J Clower Real Estate, Woodstock, VA

For Rent - 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co., 717-569-1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

REAL ESTATE

For Sale- 25 acre farmette, Adams Co, 3 bedrooms, kitchen, livingroom, diningroom, oil furnace, summer house, 2 wells, barn 717-624-2591

For Sale - Two bedroom home on card pond in Susquehanna Co PA Lake rights, well insulated, electric baseboard heat, full basement, deep well with submersible pump, white aluminum siding, good fishing, swimming Peter Himka, RD 1 Box 301, Nicholson, PA 18446 $30,000

For Sale By Owner - Cage layer operation, alum building (32 x 344), 15,000 capacity Pullet growing facility, 3 story black (30 x 140) 11,000 capacity Modern 3 bedroom home, 2 wells Located on 14 A near McAlisterville, Pa Net between $18,500 & $21,000 per year Priced to sell with owner financing available For appointment call 717-463 2393

FARM FOR SALE - Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres Fine net income. Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO, 717-273-9351

FARMS FOR SALE

New Castle Co, DE- 463 acre grain farm, 325 acres tillable, $1,060,000 Owner financing

Cecil Co, MD-278 acre livestock farm, 200 acres tillable, $655,000 Owner financing

Kent Co, MD-162 acre grain farm, 137 acres tillable, zoned residential, $550,000

154 acre hunting farm, 60 acres tillable, 2 nice homes

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REAL ESTATE

FARMER - INVESTOR 530 acre modern farm, York Co, PA. Approx 400 prime tillable acres, flexible terms Leaseback option Respond P O Box 61, Dallastown, PA 17313

228 acres approx of woods, cropland, pasture A frame and bank barn, Lycoming Co, PA $160,000 Peggy L'Heureux Real Estate, Inc, 4 E Third St, Williamsport, PA 17701 717 326 6541

REAL ESTATE

FARM FOR SALE in Milton, Pa 153 acres, large road frontage, easily sub divided $2500 per acre Write Box J 173, c/o Lancaster Farming, Lititz, Pa 17543

EarTag this beautiful gentle South East Sloped 25 acres, tillable with 7 abounding acres of woodland 600' road frontage, located in Lancaster Co West Cocalico Twp, 50% settlement, best offer over $3200/acre Ph 215-267-7870

$99,900
Dallastown - Country Beauty on the edge of town with 3 BR, 1 bath large pond area, 2 story out buildings, plus seclusion and privacy on 16 rolling acres

$120,000
New Freedom - Beautiful 25 acre farm, mostly crop and some woods, well maintained 3 BR house, bank barn and other outbuildings, all in excellent condition

$95,000
Spring Grove - WOWEE! What a terrific view from this 5 acre farmette, 3 or 4 BR bi level w/beautiful rec rm Also 26x54 Morton building w/water electric & phone

$275,000
Windsor Borough - Picture a farm w/a stone home and frame tenant home on 72 ac w/pond and barns, 1400' of road frontage Poss sub div & poss owner financing

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5 acres, House and barn $129,000
9 acres, House and Barn $98,000
CLINTON COUNTY
12 acres, House and Barn $110,000
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DAIRY PRODUCTS PLANT
On 209 clean & beautiful acres in Frederick County, Md. near Baltimore and Wash. Metro Markets; 1.4 miles Monocacy River frontage; complete operating plant for ice cream, buttermilk, butter, cheese, yogurt & other products; all equipment and supplies included; plus 2 retail market outlets in Baltimore and 1 at site; in addition to plant & building, has 2 homes & 2 barns; Retiring owner will help finance. Fantastic "Once-in-lifetime" opportunity. Call Mr. Rowe for details.

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Fully equipped 50 tons per day feed Manufacturing Plant, Containing:
Jr. Pellet Mill
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1 Special mineral mixer
2 Grain rollers
500 bu. per hour grain dryer
30,000 bu. Grain storage
80 tons bulk soy storage
Plus other bag & bulk storage and Equipment.
ALSO: 2400 sq. ft. Farm-Garden-Paint store. Plenty of parking. Property on 4 plus acres. Located in thriving community of Greencastle, Pa. In operation NOW - Owner wants to retire.
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Freestall Dairy Farm - 310 acres, 100 river flat 74x170 barn with 112 freestalls, milking parlor 3 silos 2nd barn ties 60 head Beautiful 2 family brick Colonial home, $275,000

DON'T PASS THIS ONE BUY!
Chenango Co Dairy Farm 360 acres, 155 tillable, 90 cow barn, pipeline, 2 barn cleaners, 1000 gal bulk tank, two 20x50 silos w/unloaders, good 4 bedrooms, 1 bath house, large assumable mortgage, all for $145,000

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308 acres - complete with pole barn, fenced corral, trout pond, 26 acre conservation pond, woods with Hemlock and Maple, beautiful view, only $300 per acre.

252 acres - beef farm, older fortified bedroom, large barn with other outbuildings, 102 acres virgin timber. #315.

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75 A. GENERAL FARM - Bank Barn, modern 2 story frame house, road frontage and stream. Just minutes from I-81. PRICE ADJUSTED.

2 STORY BRICK COLONIAL dwelling (approx 200 years old) with bank barn on 43 A. limestone tract, 3500' road frontage East of Carlisle. $160,000 00.

Your own ESTATE on 40 A Modern frame house, bank barn, stream and road frontage - near major highways

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PICTURE—PERFECT FAMILY SHOWPLACE: 244 acre alfalfa soils in high state of cultivation, surrounded by white rail fences 3 acre lake Extremely neat barn with 65 inverted V ties on 2" pipeline Two silos service 65' covered bunk Large maples shade beautiful main home Elegant stone tenant house at end of lane 65 tall, milky, purebred Holstein milkers, 39 heifers 15,600 lb herd average All well maintained machinery, 3 tractors Truly a rare find offered by long-time owner at $440,000 complete or $220 000 bare PHOTO BROCHURE

COMPLETE 1-MAN FARM IN AMISH TERRITORY 212 acres, about 200 open Large woodlot w/timber 46 cow barn, 2" pipeline cleaner, mow elevator unloading silo Comfortable 9 room home 4 tractors, all machinery 38 milkers JUST LISTED AT $254,000 with $80,000 down

MOHAWK VALLEY FARM WITH 77 COW PIPELINE BARN built in 1965 3 unloading silos, newer cleaner mow elevator, 5 calf pens 180 acres, pretty setting at end of lane Fully insulated 10 room home, nicely remodeled Complete with 50 heifers 5 tractors and machinery for $190 000 with 29% down JUST LISTED!

BIG TIME MONEYMAKING OPERATION .HANDLES 400 MILKERS new computerized double 9 Boumatic parlor in 400 free stall barn New heifer barn for 300 38x174 maternity barn Largest bunker silo in NYS 575 acres, stone free 330 tillable Cornell recommends no fertilizer 2 fine homes 2 mobile homes BARE FARM APPRAISED AT $1 000 000 Colorado bound owner offers at $950 000 including $250,000 feed inventory Could be bought with $195,000 down FARMS ACROSS THE STATE FREE LISTS

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SNYDER COUNTY
150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.
White Deer
LYCOMING COUNTY
90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.
DAUPHIN COUNTY
58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased. Financing at 9%.
NORTHUMBERLAND COUNTY
DEWART
97 acres, river bottom soil, 56 stanchion dairy.
COLUMBIA COUNTY
70 acres, general, 52 acres tillable.
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230 acre fruit farm, apples & peaches, beautiful restored brick farm house, modern migrant quarters, manager available, very good financing package. Call now!

46 acres Lancaster Co., zoned agriculture.

23 acres, 4 bay garage, lg. house, barn barn w/new roof & siding, $92,000.

8 acre farmette, Ephrata area, $69,000.

Double stone & brick farm house w/6 acres of land, Cumberland Co., $95,000. Also modern beef barn can be included.

Many other farms available, some in Mid-season.

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REAL ESTATE

LUZERNE COUNTY

76 acre farm - 36 acres tillable, 40 wooded Very nice 4 bedroom house with cozy fireplace. Large barn. $125,000

BEAUTIFULLY RESTORED farm house on 12 acres. Inground pool. More land available.

GREAT HUNTING 88 wooded acres with A-Frame chalet. Furniture included. $78,000

COLUMBIA COUNTY

89 acre farm - 74 acres tillable, 12 acres woods. Pond, bank barn with horse stalls Well kept 3 bedroom house with heated 3 car garage. $150,000.

FARMETTE: 24 secluded acres. Spring-fed pond, 4 bedroom house w/country kitchen. Several outbuildings. $65,000

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CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg Solid 2-story frame house and bank barn ideally suited for livestock Buildings are centrally located on land Price reduced to $192,500

CENTRE COUNTY

FOUR LISTINGS - 2 MILES EAST OF REBERSBURG

70 ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn implement shed, corn crib Combination All building new since 1970 28 acres of productive tillable land 40 acres woodland, Price reduced to $115,000

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland Price reduced to $175,000

8 ACRE FARMETTE - frotage on Rt 192 Sound 2 story house, new 30' x 60' 2 story barn & garage Nice laying land Suitable for a limited acreage dairy operation with the adjacent barn listed below $64,500 45 acres of woodland also available

2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment The barn has 27 tie stalls & an attached milkhouse 2 silos, 12' x 50' & 10' x 35', 2 implement sheds 2 acres of land included Small additional acreage available $35,000 Adjacent to the farmette above

AMISH FARMETTE - 3 Acres, good dwelling, barn, workshop (suitable for a retail business) Buildings in good condition, joins listings above Price reduced to $42,500

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo Between Spring Mills & Potters Mills $149,500 Partial owner financing 140 acres tillable land available for rent.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition Stream provides water for house and pond Excellent investment, ideal for horses or recreation $150,000 Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs Barn equipped for farrowing and finishing hogs Small stream Approximately 18 miles from State College Complete $97,500, 75 acres + barn only - $68,500, 39 acres + barn only - $52,500

OWNER FINANCING RATES AS LOW AS 9%

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank arn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340,000 Owner Financing

JUNIATA COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt 35, 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available, good 2-story frame house, remodeled interior, 2 story barn, outbuildings, nice setting, good road frontage $89,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville 231 acres (174 very productive tillable) Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing $344,000

UNION COUNTY

SMALL FARM - Adjoining Swengel 29 acres (26 highly productive tillable), good one story frame dwelling, good bank barn, outbuildings, pond, $84,500 Adjacent original 2 story farm house & outbuildings also available, $28,500

MANY LAND PARCELS AVAILABLE. CALL OR WRITE FOR FREE LIST.

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CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

OLEY VALLEY FARM

121 acres, 100 tillable, 2½ story stone farm house, living room, sitting room with fireplace, dining room with fireplace, large kitchen, 4 bedrooms 2 with fireplaces, 2½ baths, 2 rooms on 3rd floor, rec. room, full basement, 1½ story stone tenant house, living room with fireplace, kitchen, 1 bedroom, and bath. Stone garage, stone bank barn, corn crib and equipment shed, can accommodate 60 livestock. Must be seen to fully appreciate. $395,000.

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Bechtelsville, PA
215-367-2018
Henry M. Martin

RENT WITH OPTION TO BUY

Modern chicken house with 7,000 breeders. Modern farmhouse and bank barn. 16 acres located near Souderton, PA

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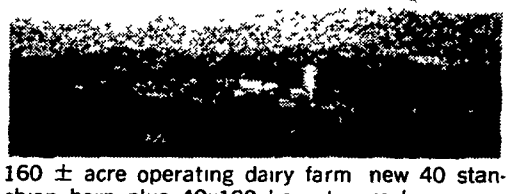
Harleysville, PA 19438
Call (215) 287-8888

62± acre general farm, private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable, 15 pasture, 10 wooded Owner financing, 25% down, 12% interest, $79,000

20 acre farm, fortified bedrooms, beautiful setting, bank barn, machinery sheds, corn crib, gravity water, 10 tillable, 8 pasture, 2 acres woods, $79,000 possible terms

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000.

Lykens Valley **Price Reduced**



160 ± acre operating dairy farm new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo stream borders large 6 bedroom home, secluded $400 000

Lykens Valley 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

Several 400 500 Acre Farms
150 acres 6 miles fro Lykens Valley 90 level tillable acres + 20 pasture house and bank barn or rent with option to buy $235,000

Plain Acreage

49 acres secluded but near I 81 15 tillable, balance wooded some timber excellent deer hunting, possible terms at 12% interest $39,000

1 acre to 22 acres

PETER B. CORTELYOU
Real Estate
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REAL ESTATE

LOOK AT THIS FARM!

575 Acres - most fields have 50 to 100 acres of well drained choice alfalfa and corn soils. Additional land rented. Free stall facilities to house and milk 400 cows and 250 young cattle. 700 acres of corn and alfalfa included. Good houses. Large financing for aggressive family. $950,000. Cattle and equip. available.

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Endless Mountain Real Estate Co.

Tioga County

Land Mart REAL ESTATE

These are just a few of our listings, so stop if you don't see what you want and take a look at what we have.

125 Acre well maintained farm with 52 tillable acres, 70 wooded acres and additional rental land available. 54 tie stalls, large milk house, 800 gal. bulk milk tank & milking equipment, Patz barn cleaner, two 16x50 cement Ribstone silos, each with Jamesway unloaders, 2 box stalls. Barn new 5 yrs. ago. Newly remodeled, 3 bedroom home, natural gas heat. Located in Tioga County, Penna. on hard top road. Two large springs and has small trout stream. Terms available.
#205 Priced at $132,000.

Cattle & Machinery available at private treaty.

42 Acre Farm, nearly all open, older barn, fresh, water pond. 7 bedroom home partly remodeled, drilled well, brand new oil heating system, this is suitable for beef or would make a nice retirement home
#207 Priced at $55,000.

Rd 1 Box 203-A
Covington, PA 16917
717-659-5684

CENTRAL PENNA. FARMS

PERRY CO.
180 acre limestone beef, 15x30 silo, good bldgs. Call Mr. Bitting.

CUMBERLAND COUNTY
33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Nissley.

FRANKLIN COUNTY
170 acre limestone dairy, 18 ties, 2 silos, financing. Call Mr. Crawford.

JUNIATA COUNTY
10.5 Acre Farmette. Modern Cape Cod house. Call Mr. Crawford.

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

MIFFLIN COUNTY
118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

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100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 A.M.

RICHARD E. POSSON REALTY INC.
R.D. #3
Norwich, NY 13815
(607) 334-9727

JUNE IS DAIRY MONTH!

128 Ac., 58 stall setup near Dalmatia. Poss. Fin., make offer.

105 Ac., 100 steer, bl. silo, (near the above).

193 Ac. + (85 rented Ac. avail. nearby) 62 stalls, heifer barn, Bradford Co.

160 Ac. dairy, gen. Juniata off 322, nearby 72 Ac. front, no house, good location.

126 fert. Ac., bldgs., stream, Col. Co.

[illegible]0 Ac. Res. stone home, gentleman estate, priced reasonable, So. Lanc.

Following Snyder Co. 130 Ac., 110 till., fine home, close by 100 Ac. steer setup, 18x65 silo, 115 Ac. Appr. 1 mi. front. Rt. 11-15, 28 Ac. general can be divided.

Wooded Ac. near gameland, Snyder Co.

For Information on These Farms Ask For One Of The Farm Men

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REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Leola 717-656-6717
REALTOR

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Seneca County - 45 acres - 40 acres farmable. $37,500.00.

Schuyler County - 80 acres cropland - 7 acres planted christmas trees. $75,000.00.

Seneca County - Canoga - 64 acres with 729 ft. lake frontage. $96,000.00.

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Call: Carol Sipos, L.S.R.
Seneca Falls, New York 13148
Phone: (315) 568-5814

ALLEGANY COUNTY, NEW YORK

Andover Area - 255 acre beef farm, Free gas, 3 br home, large barn, outbuildings, very good condition, owner financing 8%

Andover Area - Dairy farm, barn with 85 free stalls, milking parlor, good 4 BR home, assumable mortgage

Whitesville Area - Neat as a pine one man farm, new wooden barn for 30 milkers, bulk tank, barn cleaners, attractive farm house, lovely, private location, owner financing 11%

Whitesville Area - 191 acre dairy farm, excellent farm, 72 stanchions, new 700 gal bulk tank, barn cleaner, 4 BR home with new country kitchen, pond, assumable mortgage

Fillmore Area - 294 acre dairy farm, round roof barn, new 900 gal tank, barn cleaner, 1 BA milking system, 4 BR home, assumable mortgage

Hartsville - 115 acres with lovely home, 45 acres woods, beautiful property

Carney Realty
Rd 1, Hornell, NY 14843
607-698-2926

HUNTINGDON CO. FARMS

192 acre hog farm, housing for 150 sow operation, farrow to finish, truck scales, 3 grain bins, will hold 35,000 bu, also storage for 2 tractor trailer loads of soybean meal, 2 story home with 5 bedrooms and bath 2nd floor, 4 rooms and ½ bath 1st floor Farm has private lane and borders large creek Owner financing

Colonial Real Estate Agency
814-447-5511

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BERKS CO. FARM
Just Listed

69 acres with large main house, separate tenant house, bank barn for steers or hogs, other buildings 3000' of road frontage Asking $175,000

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20 Ac + tillable, country living, view, house, barn, road front. Off Rt. 104. Commuting distance of Harrisburg. Owner financing, priced in the 50's.

Call Carl Diller at
KINGSWAY REALTY
RE Salesman & Auctioneer
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RENT NOW, BUY LATER
139 ACRES, 90 LEVEL TILLABLE

55 free stalls in new barn addition. Attached heifer barn for 30 youngstock. 12 stall milking area. New 20x60 silo and unloader. 60' bunk feeder. 6 bedroom house with new heating system, attached garage. Considerable FmHA assumeable mortgage. Asking $137,000 but seller wants immediate offer. This is a good affordable farm.

COBLESKILL
Country Boy Realty
MAIN OFFICE
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COBLESKILL, NEW YORK
PHONE 518/234/4371

Paul M. Longacre
FARMS AND COUNTRY PLACES

DAUPHIN COUNTY
86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/centez auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal. bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000.**

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

BEDFORD COUNTY
NEW
200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

BRADFORD COUNTY
260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 roo[illegible]tment 50 cow tiestall barn, barn cleaner, 800 ga[illegible]tank, 18 x 55 concrete silo with unloader, 2 corn cribs, large garage **$235,000** SOLD

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details. #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

WOODED ACREAGE
11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY
NEW
140 acre dairy farm, 95 tillable, gently rolling to almost level. A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY
149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dinngroom, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

SNYDER COUNTY
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property $36,000
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000

JUNIATA COUNTY
REDUCED
160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY
16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312

COLUMBIA COUNTY
180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000 #309

NEW JERSEY
80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm, & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

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Dairy Farmer expanding needs a minimum of 200 acre tillable.

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Ask for Ruth or Flora

NEW FARM LISTING, BROGUE AREA

133 Acres, Approx 50% top tillable land, balance woodland, excellent set of buildings Owner says sell, make us an offer-today!

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or 717-786-3020

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M 1157 - 14 Ac 36'x40' 9 stall barn, tack room $12,500 terms

M 1284 - Cabin, 5 ac , stream, $14,000

M 1350 - 24 6 ac $14,600, 38 6 ac $22,000, or, 63 ac for $36,625, terms, private, views

M 1356 - 12 beautiful acres, 360° views, terms on $10,500

M 1375 - Farmette, 12 5 ac , barn, good home, lg pond $47,900

W 1352 - 105 ac $58 000, 10,000 dn , 10% interest, 20 yr, $479/mo

W 508 125 Ac $43,750 all wooded ($350/Ac)

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60 acres planted semi dwarf apple - all varieties (of special interest - Starkrimson Red Delicious with Golden Delicious to Pollenate) Also peaches, nectarines and plums, terrific popular "pick your own" varieties Land can be split as low as 50 acres or divided in other ways.

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GOOD ALFALFA FARM NEAR CORTLAND 145 acres, stream, 2 ponds Good 38 cow barn with silo Completely remodeled 4 bedroom home with new aluminum siding JUST LISTED AT $122,000 with $52,000 down

HAS HANDLED 130 HEAD: Newer 46 tie pipeline barn plus 40 stanchion barn 4 unloading silos Also 35x65 heifer barn 800 gallon tank 8 room home with oil/wood furnace 262 acres, easy drive to Pennsylvania line Asking $149,000 WANTS ALL OFFERS!

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MODERN DAIRY OPERATION on 20 acres with nice barn, pipe line and bulk tank. Fenced pasture and 10 year old Rancher with 3 bedrooms, located in the Cochranville area. This one's ready to move right in for $225,000.

OWNER FINANCING AVAILABLE on this exceptional 70 acre farm in East Fallowfield Township, Chester County, to qualified buyers. This farm has a large dairy barn, several outbuildings and an immaculate brick farmhouse in excellent condition with 4 bedrooms and many extras. Call to see this one today! $350,000 Additional acreage available.

PRICED TO SELL QUICKLY! 200 acre Dairy farm. Good alfalfa and corn land, new modern dairy operation, Harvestore silos, level land. Price reduction on this one! Was ~~$675,000~~ NOW $595,000

SOUTHERN CHESTER COUNTY - 70 acre dairy farm near Oxford, milking parlor, open housing and nice 5 bedroom home. Assumable second mortgage at 5% interest on this one! $375,000

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2 GOOD BUYS...

★ 15 Acres, Bank Barn & Large Home, Lebanon County..... $115,000

★ 47 Acre Dairy Farm with Milking Parlor, needs Fixing Up, Lebanon County..... $125,000

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20 acres - $5500 down, $350 per month is all you need to own this 20 acre farm near Dover! There is a 2 story home, lg. barn and lots of road frontage.

30 acres - lg. 5 bdrm. home, barn - 38x80', new shed - 32x80', fenced pasture and much more. It is presently used as a dairy farm but could easily be converted to a horse farm. There are trails in the woods! If you want more land that is possible also.

60 acres - lg. 4 bdrm. brick rancher with full basement, nice 2 story barn 40x60', many other outbuildings. Some fenced pasture with pond, some nice tillable land and some woods. There is a Perdue chicken house that produces $20,000+ income per yr.

230 acres - owner will hold mortgage on this beautiful farm with almost a mile rd. frontage! There are a number of outbuildings, also a home that has been very well cared for. This farm is presently in corn, beans, hay and pasture.

SELLING YOUR FARM?
If you have been thinking of selling your farm but not sure of the REAL VALUE just call Alpha Real Estate Co. We will give you a free evaluation of your property so you can make the right decision. We may have a buyer just waiting for YOUR FARM!

ALPHA REAL ESTATE
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FARMS & LAND

F1-10 Snyder Co., 24 acre farm, good home, bank barn $75,500.

F1-09 41 acre w/dairy setup, large, fully insulated 11 room house. Bank barn has 17 tie stalls & vacuum pipeline, horse barn, Snyder Co. Only $71,500.

L1-07 Approx. 100 acres tillable on this 133 acre tract near Port Trevorton, Snyder Co. No buildings only $700/acre.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000.

FO-51 General farm in central Snyder Co. 188 acres with over 100 acres tillable. Bank barn and other outbuildings. 2 story, 8 rm. log home with aluminum siding Only $175,000. Owner financing.

Other Farms Also Available

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Selinsgrove, PA

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Evenings call Realtor Assoc.

Phil Graybill, GRI — Snyder/Union — 717-374-8038
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REAL ESTATE

105 ACRE FARM FOR SALE BY OWNER

Located in Upper North'd Co., Pa. Limestone loam soil, 12 room house, barn, block garage & wagon shed. Corn & oats now growing; ½ of crops go to buyer. Easy to farm. Possession after June 6, 1981.

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KEY REAL ESTATE
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632-6400

Gettysburg 334-8144
Westminster 301-848-0080
York 845-4810

York Co. 95 acres, 80 tillable dairy farm, 2½ story frame home, bank barn, 3 silos, freestall barn and milking parlor need to be completed, $250,000. L-3546

Adams Co. 40-acre broiler & hog farm, 2½ story frame home, country location, $140,000. Sellers will sell 10-30 acres separate $1,300. acre & up. L-2933

L-3284 Adams Co. 82 acres mostly tillable land, 2400 ft. road frontage. $124,000.

L-3452-9 Gentleman s Farm, Excellent condition throughout, 2½ story home with large kitchen, 5 BR, 2 baths, 40'x60' barn, chicken house, hog shed, presently set up for sheep, area for horses in barn. 3 ac. tillable, 3 ac. woods, 13 ac. in pasture, (10 ac. fenced)

Office - 717-632-6400
130

UNITED® FARM REAL ESTATE

ADAMS COUNTY
New Listing - 113 acre Broiler & Beef farm - Set-Up for 55,000 Birds - Dryer w/18,000 bu. storage, power plant - n/gas - well & spring - 4 B/R home - exc. development.

MIFFLIN COUNTY
50 acre farm, 2 yr. old veal barn accommodating 104 calves, bank barn set up for beef, 4 bedroom rancher $94,500.

BEDFORD COUNTY
148 ACRE beef, horse or sheep farm, all bldgs. in ex. cond., nice pond, 30 acres saw timber. Good retirement choice.
250 ACRE dairy - Bank barn in good condition. 10 room house.
283 ACRE beef farm - Large barn. 4 bedroom house. Stream. 90 additional acres available.
25½ ACRES with show barn - For horses or cattle. Beef barn. 7 room house.
200 ACRE dairy - With or without stock with equipment. 4 bedroom home.

BLAIR COUNTY
175 ACRE dairy - 31 stanchion barn with room for 12 more. 4 bedroom home.
163 ACRE farm - 35 acres in oak and cherry timber. 30 stanchions barn.

HUNTINGDON COUNTY
New Listing: 94 LEVEL acre Dairy - 48 tie stalls cleaner - 18x60 - 4 B/R House - stream - tank - HURRY $175,000.
100 acre farm, 80% tillable, barn, pond, 7 room house, $98,500.
10 ACRES with large horse or beef farm - 4 bedroom house plus 3 bedroom tenant house.
106 ACRE dairy - 15 acres in timber, stream. Excellent terms.
Other dairy farms available in Mifflin County and a 32 acre horse farm in Indiana County.

Farm Listings Needed

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Real Estate
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(84-T) Near Gettysburg, PA. 49 acres of ground with nine room, two bath stone house built in 1787 with five fireplaces in working order. Barn, supporting buildings, stream, woods and tillable land. Excellent condition. $198,500.00.

(34-T) 17 acre farmette one mile North of Gettysburg, PA. with 1½ story, 3 bedroom brick home. Horse barn, riding ring, 2 car garage, all in excellent condition. Owner financing available. $130,000.00.

(76-T) 14 acre farmette near Gettysburg, PA. 3 bedrooms, 1½ baths brick home, separate 4 unit rental, 2 car garage, barn and pond. $89,500.00.

(28-T) NEWLY remodeled 2½ story, 4 bedroom home on over 4 acres of land North of Gettysburg. Barn and stream on property. $52,900.00.

Call 717-642-5851

TOWN AND COUNTRY REAL ESTATE

Fairfield, PA

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

LOVELY FARMETTE: 4-5 BR home, barn and 20 ac. located close to Lawrenceville, Pa. Lg. family room, enclosed patio. Sm. barn w/concrete floor - good for storage. Laundry rm. off kit. Priced at Just $35,000! W-526 PH: 717-724-5921.

JUST LISTED - 140 acre dairy farm in the heart of Tioga Co. 50 stalls, barn cleaner. 2 bulk tanks, milking units, 18 x 55 silo, 20 x 28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner say's sell at only $140,000. W-545.

"AFFORDABLE FARM" - Overlooking the Cowanesque Dam in Tioga County, PA, on NY border, 100+ acres, approx. 40 tillable, 50 tie stall barn w/mow conveyor, 20'x60' silo, w/unloader, fair to poor house, major cleanup needed around buildings, frontage on 2 roads. Priced right at just $85,000. #M-209.

NEW FARM LISTING: 180 acre farm just west of Tioga County line. Approx. 100 tillable. Good potato ground. 60 acres pasture. 52 cow barn. Two 18x60 silos and a 16x40. Pipeline milker. Nice 3 Bdrm. ranch house. Approx. $135,000 of existing FHA money. Priced to sell at $150,000. PH: 717-662-2138 M-211.

REDUCED TO $4,500 - Starter home or camp on the outskirts of the Galeton Boro. 2 story, 9 rm. home w/town sewer & water. Home is structually sound in need of a handyman. Location is a great base for hunting & fishing outings. C-483 PH: 814-367-2249.

MORE THAN YOU'D EXPECT -3 - 4 BR ranch home in excellent cond. 46' x 46' barn. Small pond in pasture. Secluded country setting. Buy with 45 A at $47,000 or 60 A at $54,900. C-506 PH: 814-367-2249.

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MANSFIELD, RD 1, Box 41 - **662-2138**

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For Details Write
RUTLEDGE FARMS
2238 Rutledge Rd.
Fallston, MD 21047
or Call
301-557-7568 or
301-557-7651

MAILBOX MARKET

Wanted- Motor for AC 60 combine in any condition David S. Peachey, Box 221 Star Route, Allensville, Pa. 17002.

For Sale- Top quality breeding stock, four boars about 180 lbs. good gilts available anytime. Shady Kill Hog Farm, Snyder Co 717-539-2711.

Four bar Case hog rake good shape, 717-665-4205.

For Sale- Used lumber, used pipe, lge. office safe, tobacco rails, write for prices. Enos S King, Box 128, Rebersburg, Pa 16872 Centre Co.

For Sale- Reg. Morgans, champion bloodlines, colts & fillys Joan Umstot, Rt 2 Box 128, Keyser, W Va 26726, 304-726-4330 S A S.E.

For Sale- Exc. brush goat, female, disbudded, has necessary shots and blood tests. Priced reasonable. York Co. 717-432-5901.

For Sale- English shepherd pups, working parents, farm raised. 301-223-9034

For Sale- ½ Saanen, ½ Nubian kids, born 5/30/81 Doe $40, Buck $25; 440 Pencader Lane, Bear, DE, New Castle Co., 302-834-1096.

Wanted- White tail deer, adults & old Pa. hunting & fishing lic. & related papers William A Johnson, PO Box 87, Everett, Pa. 15537.

For Sale- Appaloosa colt & filly yrlgs. Lots of color, good dispositions, sire & dam can be seen. 717-286-1993 Nort'd Co.

For Sale- Japanese pinball machine, Nishijin Pachinko Best offer. Chester Co 215-274-8019.

For Sale- Holstein/Angus feeder bulls, 500 lbs. Leb Co. 717-867-4337

For Sale- MF roll bar w/roof $100 Cumberland Co. 717-532-5010

For Sale- Speed-o-Print auto elec. address machine & plates, Farmall Cub tractor, 7 hp Bolen garden tractor & mower 717-442 4279 eves Lanc. Co

For Sale- 8 room hot air coal furnace converted to oil burner - grades and fuel tank. David M. Zimmerman, Box 669, R1 New Holland, Pa

For Sale- 62 pulleys, 1"-2" I.D.; 4"-16" O.D., 1-9 grooves, 100 lb bag chain slip hooks, 3 sizes Make offer 215-696-1703, also 27" trager tiller

JD 214 wire baler 2 rubber tire wagons, very good flats. Mont. Co 215-489-4620

For Sale- Int 12 ft. spring tooth harrow 401 used 1 year like new, $400. Montour Co. Washingtonville area, 717-649-5320.

For Sale- 4 piece maple finish bedroom suit, which includes triple dresser with landscape mirror, like new, Dauphin Co. 717-534-2208.

MAILBOX MARKET

Will pasture heifers or other livestock. Good pasture located in Bowmansville area. Call 215-445-5372.

For Sale- Fresh reg. Ayrshire cows & heifers herd avg. 15,300M 638F. 215-589-2644 Berks Co.

For Sale- 10 bred sows, due 1st wk. of July, accurate breeding dates Also AC Pitman less 7' mower, 3 pt Lanc. Co 215-445-6880.

For Sale- Vicon hay rake, can be used for tedding also, like new used for 20 acres Amos S. Stoltzfus, 552 Beechdale Rd, R.D 1, Box 515A, Bird-in-Hand, PA 17505

Honey bees for sale or rent for pollination. Amos F. Beiler, 134A Black Horse Rd., Paradise, Pa. 17562.

For Sale- Old barn torn down, beams, stonewall, etc. Lanc. Co. 215-267-5983.

For Sale- FMC sweet corn harvester, model 5. 717-427-8507 Carbon Co.

For Sale- 1972 Monte Carlo, also 1946 jeep parts, frame, whls., trans., and snow plow. 717-273-5970 after 6 p.m. Lanc. Co.

For Sale- 800 gal. bulk tank w/comp. & washer. Exc. cond. $4000 Brad. Co. 717-364-5529.

For Sale- NH L35 skid steer loder, good; NH 675 box spreader, new sides, 275 bu. Good chain 717-354-9136.

Wanted- Used fair wire round corn cribs, will tear down. Used one or two row corn picker, pull type. NI preferred, reasonable price. 717-432-5000

Wanted- A used upright or chest-type freezer, must be reasonably priced 215-683-7500 Berks Co.

AC 6G tractor ldr., like new undercarriage, bucket has teeth & new cutting edge, $7900. Mercer Co. 609-585-4356.

For Sale- JD 1520 utility tractor w/front end ldr Low hours, exc cond Balt. Co, Md 301-833-3494.

For Sale- 19 Jamesway lever type stanchions Benuel S. Lapp, Narvon #1, Shirktown Rd, Pa 17555, 1½ mi. S E Churchtown

For Sale- 1974 Honda CT 70, exc cond. $225. 717-838-1276

For Sale- Penbell tobacco plants, Lanc. Co 717-859-1523.

For Sale- Bou-matic pail milker, complete for 40 cows $850 also glass bldg. blocks, $1.00 each Hunt. Co. 717-483-6656

For Sale- Black ewe lamb, $50. 215-286-9192

For Sale- Chestnut 8-yr. old American saddlebred horse, broke. Clarence M Hoover, RD1, Lauschtown Rd., Denver, PA 17517 Lanc. Co.

Wanted- Used wood chipper, must be pto driven, scoop for 3 pt. hitch, Mont. Co. 215-723-7158.

For Sale- One male beagle pup born 3/31/81 of championship stock $50 215-589-4875 bet 7 & 9.

Wanted- dirt bucket for material bucket for JD 48 loader. Ed Vogt, Medford, NJ 609-654-7489.

4-row corn workers for 504 IH or 656 IH and other tractors, like new $800. Perry Co 717-589-3802.

For Sale- JD 45 combine with 10' platform, JD 234 corn head, Cunningham crimper, JD 3 btm. pull type hyd. lift plow, Bucks Co. 215-249-3623

For Sale- 1 row NI 323 corn picker, only picked 200 acres, reason for selling, bought 2 row $250. Lanc Co, 717-687-9198.

Driving Show - June 27, 1981. My Lady's Manor Club, St James Church, Monkton, Md., information 301-692-6453 Harford Co.

MAILBOX MARKET

For Sale- Pony saddle. Chester Co. 215-286-9891.

For Sale- JD No. 25 combine with 7 foot head, ready to use. $400 or best offer. Berks Co. 215-944-0370.

For Sale- Chev. Pickup 1975, V8 automatic, heavy duty 3/4 ton, P S & P.B., flat body with 4 ton dump hoist. $3995. S Jersey 609-451-5971

For Sale- White King pigeons, also wild pigeons Half mile east of Wakefield, Joe E. Stoltzfus, Peach Bottom, Pa Box 346 17563.

For Sale- Case baler with Wisconsin engine and Case 5 bar rake, used last year - also young Toulouse geese, Northampton Co 215-262-4176.

For Sale- Melroy skid loader, good shape, call after 5.30 p.m. 215-267-7445

For Sale- Hereford heifers and steers, 450-600 pounds. Hereford cow with calf by side. Adams Co. 717-334-9582 or 717-334-4988.

Wanted- Tree sprayer, also compost barrel. For Sale- Barn beams (9) 16' Berks 215-779-4950.

For Sale- Cunningham hay crimper $195; D-2 Cat, very good $995; AC WD tractor $995; 455 NH mower $595. 717-354-0266.

For Sale- Registered half-arabian mare with colt by side. Highland Co. 703-468-2377.

For Sale- Pennlan tobacco plants, for the week of June 15 Lanc Co. Aaron L. Fisher, 2599 Bachmantown Rd., Ronks, Pa 17572

For Sale- Antique room screen - $40; unpainted barn boards $1.25 ft.; console stereo with record player $50; spring & mattress $20 - after 4 717-548-2665

Wanted- Bee swarms in Lancaster or surrounding areas. Lanc. Co. 717-464-4114.

For Sale- NH 30' Smoker elevator, suitable for bales and corn, good cond, $500. 215-286-5694 Berks Co.

For Sale- MF used four bottom trip plow, in good working condition, ready to go. Berks 215-944-7333

For Sale- 40 ft. storage trailer, best offer, 717-733-4973.

For Sale- 3 Hereford xCharolais 600 lb. heifers, 68 cents lb. Also 450 lb AngusxCharolais bull, 70 cents lb. 717-286-9380 Northumberland Co.

For Sale- Old Philco floor model radio, works, $125 or best offer Wanted - good used 14" tires Lanc Co 665-5848

Wanted- Complete set of rear wheel weights for Ford 3000 tractor, 28 inch rim, power adjusting wheels, Montour Co 717-275-3909 after 7 p m

Free - Part Collie puppy, female, fully weaned, good home wanted, R2 Box 42 Lancaster Pa 17603 Lancaster Co off Charlestown Road

For Sale- John Deere tractor (A), excellent condition, rubber like new, electric starter, Somerset Co. 814-754-4364.

For Sale- JD 4620 diesel - dual hydraulics side console, 10 tooth chisel plow, 3250 gal. Better Bilt vacuum spreader with soil injectors. 215-445-4272.

For Sale- Submersible apple dumper and band held cherry shaker, Adams Co. 717-642-5230.

For Sale- Commercial lambs, 60-70 lb. Rams-$60, Ewes-$70 Adams Co. 717-624-2414.

For Sale- JC Penney boys, 3 speed, 24" bike, $65, 717-284-4936 Lanc. Co.

For Sale- 4 vented oil space heaters - New Holland 66 Baler, exc. $300. Other farm equip. Harford Co., Md. 301-343-0339

MAILBOX MARKET

For Sale- Quarter horse mare, 3 yrs old, AQHA reg, professionally broke & trained, super looks and disposition, asking $1500. Chester Co., 215-932-4728

Wanted- 8' Fleetside pickup box in good cond. for 1967 to 68 Chev. Columbia Co 717-799-5744.

Beautiful reg. Leopard Appaloosa Stallion, 6 yrs old, show prospect, very gentle, Wapiti bloodlines, 814-445-6358.

For Sale- AC G tractor with cultivators, like new rubber, exc. cond. $1,295. Lanc Co. 717-548-2559

For Sale- JD 30 combine, good cond 301-848-6395 Carroll Co, Md.

Warehouse space for lease - Concrete floor, dry, loading dock, 1971 Chevy step van ½ ton, 6 cyl for sale, also barn beams, Boyertown, Pa 215-679-4210.

For Sale- Purebred Dorset & Hampshire yrlg. rams for stud, performance data. 814-326-4551.

Postcards bought and sold, cards mailed on approval send wants S.A.S E. Antiques, 11805 Jeymar Rd., Keymar, Md. 21757 (301) 848-5236.

For Sale or Trade- 69 Austin Healy Rd., low mileage, exc. cond many extra parts $2500. Trade for farm tractor with ldr. of equal value. Sch Co 717-668-4682

For Sale- Dbl 4 Herringbone sawtooth, Surge milk parlor, used only 18 mos. Also 40' tube cooler 717-865-3655 anytime.

For Sale- Reg App mare, due, 10 yrs old; App. yearling filly; Very gentle red mare 4 yrs. old with filly foal. Saddle for sale. Harford Co., Md. 301-836-3958 or 301-457-4897.

For Sale- 10 year old work horse, mare, good worker, John E. Fisher, 3872 East Newport Rd, Gordonville, Pa 17529.

For Sale- VAI Lister 7½ H P Slow Speed, Good Cond, 717-656-6133.

For Sale- Model 3302 Kemiflo Hay preserver applicator. Good used 1 year. Cumberland Co. 717-258-3970.

For Sale- AC B19 diesel, new cab, new paint, complete motor and transmission overhaul - 3 way hitch, $4200. Lanc Co 717-665-2773.

For Sale- Balance flow pump, pressure system, brand new, still in box $190 717-656-9885

Wanted- Water front for #AE7-30 majestic range, in good condition, Lanc. Co. 5.30 p.m 215-445-4308

For Sale- 4 yr old gelded pinto pony. Needs training Saddle and bridle included Make offer, 717-733-4874. Lanc Co.

For Sale- Approximately 160 tobacco rails 3x4-12 or 3x4-9 Best offer, Lanc Co. 717-859-3456.

For Sale- Approx. 400 ft. used ¼ inch stainless steel cable, one 2½ ton steel circle, feed bin Lanc. Co 717-786-2140

For Sale- Cornell barn cleaner with heavey duty unit, everything complete in use daily 280 ft of chain good condition. Perry Co. 582-8346.

For Sale- CA AC Tractor with 2 btm plow. 10 good ewes and ram $50-60; nice big saddlebred mare - over 16H, $850. Wanted-Pair 10-24 tractor tires, 717-392-5834.

Want removed, wood & wire corn crib - 90 ft. long. Also a plywood grain bin. 3000 bu. cap, make offer, 717-786-3897 Lanc. Co.

For Sale- Tobacco plants, Pennbel Lanc. Co. Amos R. Miller, #1, Box 293 Christiana, Pa. 17509 Bartville Rd.

MAILBOX MARKET

For Sale- 8 ft McCormick grain binder, good condition, $500. Also some other horse equipment, etc. Fishersville, VA 703-943-1321.

For Sale- 3 thousand tobacco lath. Fir tobacco scaffold 3x6x16' to 22'. Jonas S. Esch, New Providence, R2, 17560 Lanc. Co, Pa.

For Sale- 75 Shoop 4 horse gooseneck trailer $2350; 74 Phillips stocktrailer 28'x7' gooseneck $3250. Both are heavy duty in good condition Lanc. Co. 717-442-4259.

For Rent- 3 bedroom mobile home, unfurnished except for stove and refrigerator, $180 a month. Christian couple preferred, Franklin Co 717-597-4494.

Wanted- Small honey extractor, 814-695-3293

For Sale- 1979 Int. S-Series, tandem tractor two-tone green and 32' aluminum dump trailer, 65,000 miles A-1 cond, 301-371-5342, Frederick Co, Md.

For Sale- IH 4386 Tractor with EXTRAS - One of many items advertised in the Classified ads with this phone # 717-528-4343

Wanted- Information and literature on Montgomery Wards Chor-Trac garden tractor built 1955, York Co 717-229-2797.

For Sale- Arabian mare chestnut $14.3, 12 yrs broke, and easy keeper, $950 Shetland Sheepdog, $125 to $175 Dauphin Co 717-533-7277.

For Sale- Oliver 770 D, 3 pt $1600. 100' Van Dale overflite feeder $1000 4-16" reset Keneverland plow, $1200 Wyoming Co 717-942-6220

For Sale- Woods C-80 rotary tag-a-long mower with 7' cut, good condition, $950. Chester Co 215-827-7125.

For Sale- Registered polled hereford cow/calf pairs, yearling heifers Bred A I. to top bulls Farmers prices. Montg Co. 215-323-8892

For Sale- Purebred Nubian dairy goats from nation's finest show & milk lines. Buck kids from $150 Also purebred Merino ram, $75. Adams Co 717 642-8195.

For Sale- 5 hp Troy-Bilt tiller, pony model, $525, Also new hood for 140 riding mower $20. Lehigh Co. 215-285-6362.

13 Grade Holstein hfrs, open, 650-800 lbs $725 each. 717-354-7419 Lanc Co.

For Sale- Large heavy duty swing set, w/bench swing, teater-totter, 2 single swings. RD3 Ephrata, Pa. Lanc. Co 717-354-8110

25 acres tillable, 7 acres woodland, 600' road frontage, Lanc Co West Cocalico Twp. 50% settlement, best offer over $3200/acre 215-267-7870.

Ford V4 power unit 40 h p. with twin disc clutch and 4 to 1 reduction gear David B. Zook, Box 141, Quarryville R3, Pa 17566

For Sale- 1200 gal. alum nurse tank, 1500 gal. fiberglass nurse tank, priced to sell 717-862-3372

For Sale- Goat milk year around, 2 Alpines, 7 qt. Day. Mont. Co. 215-723-7437.

For Sale- Soybean seed, cert. Pella cutters 71, Williams, $15.25 bu. Sudan-Gorgeous $31 per 100 lbs. Lanc. Co. 717-786-3435.

For Sale- JD No. 9 sickel bar mower, 7' cut good condition. $250 717-838-4403 Leb. Co.

For Sale- Dairy goats - kids & milkers, Alpines, Nubians & Toggenburgs. Lehigh Co. 215-679-8107.

Going OUT OF BUSINESS

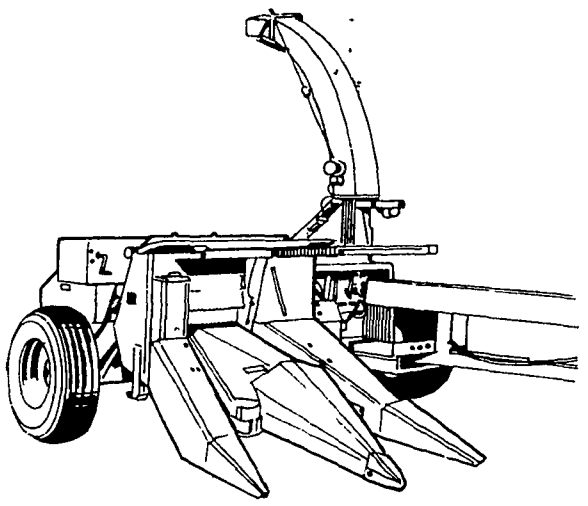
ALL NEW EQUIPMENT ON INVENTORY SOLD AT DEALER NET.

25% OFF PARTS

NO REASONABLE OFFER REFUSED

Farmall 1066 - rebuilt engine, TA, brakes, turbo, 20.8x38 tires, new paint, excellent condition $15,500
Allis Chalmers 190XT Series III w/cab, - 20.8 tires, weights, 2000 hours, excellent condition, one owner. $10,000
John Deere 4030 Diesel w/4 post frame, like new tractor w/dual valves & weights, 495 hrs., one owner $15,900
Farmall 656 Diesel Hydro w/wide front, dual valves, new paint, 70 HP, one owner $6,000
Farmall 460 Tractor, TA, fast hitch, good mechanical condition, good appearance..... $1,950
Farmall 350 Tractor w/fast hitch, good used tractor, good tires $1,500
Farmall super MTA, power steering, live hydraulics, Independent PTO, Torque Amplifier, popular tractor $1,895
Ford Jubilee w/loader, hyd. dump, good clean tractor $2,300
4140 Diesel International Skid Steer Loader with manure fork & material bucket..... $13,175
184 Cub Lo Boy equipped with terra tires $4,165
1100 Cadet with 44" mower, new..... $1,900
IH #1460 Axial Flow Combine w/#863 Corn Head, cream puff, like new machine at used price, 490 hrs., one owner $56,000
John Deere 14T Baler, good cheap baler $425

IH #205 Combine, 1972 Model, 6 cyl. engine, cab, 13 ft. platform, pickup reel, power steering, very good used combine, priced right..... $6,500
John Deere 336 Baler w/Thrower, very popular baler, priced right $3,250
Fox IF546 Forage Harvester w/Pickup & 2 row row crop unit, good inexpensive harvester..... $800
IH #50 Forage Harvester w/Pickup & 2 row row crop unit w/engine drive, IH engine, very good condition..... $1,800
IH 1150 Grinder-Mixer, one owner, good used mill, cheap price $2,250
Badger Forage Box 16 foot, 3 beater, roof, tandem axle gear, one owner, good condition $2,500
Grove 16' Forage Box, 72" sides, three beater, make offer $750
Papec 54" Forage Blower, good cheap blower $400
IH #40 Manure Spreader, three beater, new web, better than average $400
New Idea 12A Manure Spreader, ground drive, very good condition..... $400
Hawk Bilt Tank Spreader - approx. 150 bushel, make offer $400
IH #455 Corn Planter, 4 row w/double disk openers, Buy now for next year, priced right $1,000



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With 2 Row Row Crop Unit
$8100
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1975 International 1700, 205 inch wheelbase, 26,000 G.V.W., P.S., 5 speed transmission, 2 speed rear, reinforced frame, tilt hood, 404 engine, inspected, good condition.

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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience. all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale- Holland transplanter, good shape. Eli Zimmerman, R1 Box 8, Millmont, Pa 17845.

For Sale- Int. baler #27 with kicker, ready for the field York Co 717-432-4762 or 2704

For Sale- 7 Holstein heifers, 5 of them are Reg 4 are bred 717-367-6563 Lanc Co

For Sale- 4020 JD tractor, 90 hp, No 148 JD Loader with 8 ft loader, roll bar with wind breaker; 717-244-9795

For Sale- No 445 JD manure spreader, like new, with hyd roll back lid, left hand discharge, holds 676 gal or 4½ ton. Cumberland Co 717-776-7465

Wanted- Purchase bells and a Hulligan bass horn, P Baker, Cumberland Co. 717-532-4544.

For Sale- New Holland 354 grinder mixer, excellent cond , Snyder Co. 717-658-7316.

For Sale- 1951 White truck tractor, runs good, no rust, 5 spd , 2 spd. rear, needs tires, asking $600, 2 MG-B convertibles, 1 good body, 1 parts, asking $600. Dauphin Co. 717-545-9289

For Sale- 28 in. thresher, in A1 shape, David J. Yoder, R1 Box 55 Meyersdale, Pa Somerset Co

For Sale- 6 week old, St. Bernard puppies, 717-386-5665

For Sale- Int. Super H cultivators, Int. #27 Baler, AC Diesel 40 hp tractor wide front, AC #500 4 row corn planter, hog feeders, 40 & 60 bushel Pride of Farm, Diamond Truck, 301-329 6842 after 7 p m

For Sale- Reducing flock, Corriedale X ewes & lambs Healthy and thriving Custom spinning of your fleeces into yarn. N Cecil Co 301-398-8920

Wanted- Tractor with 2 row mounted corn picker, reasonable, 703-594-2604

For Sale- Block walnut trees, 15½"x14 ft., 17"x12 ft cut down, Ivan W Hoover, RD1 Box 389 New Holland, Pa 17557.

For Sale- Improve your sheep flock with registered Suffolk sheep. Also registered Border Collie puppies for sale. York Co 717-235-4535.

MAILBOX MARKET

For Sale- McCormick Deering grain binder in excellent condition, 717-548-2676 Southern Lanc Co

For Sale- 30 grade Holstein heifers due to freshen starting in July thru December. Several bred to Creek and Very Cumberland Co 717-532-2601

For Sale- 4 grade cows due in July Also 1 due in Sept 5 grade heifers due this summer, 717-672-2439 Northumberland Co

For Sale- VC Case tractor w/cultivators, good rubber, needs engine work, make offer, Lanc Co 717-684-8431

Wanted- 8N Ford tractor for parts or middle housing, Hill-O-View Farm, 7141 Sterling Rd , Harrisburg, Pa 17112

For Sale- Barley straw, 200 to 300 large bales. No rain, $1.00 bale at barn, 215-582-3403 Berks Co

For Sale- New 50 lb. mesh window paper potato bags @ 20 Lanc Co. 717-656-8036

For Sale- 57 Int wire baler with chute make offer, 301-343-0148 Baltimore Co., Md.

For Sale- NH tank spreader, model 346, right hand, York Co. 717-259-0105.

For Sale- Reg. Yorkshire boar, three bred yorkshire sows, proven breeders, large litters, Due Aug. reasonable Bucks Co 215-766-0324.

For Sale- Two grade Alpine buck kids for meat, four weeks old. York Co. 717-432-4822 after 7 p.m.

For Sale- New Idea 323 cornpicker, one row pull type. Jer-Dan 4 ton wagon chassis. New Holland 357 Grinder-Mixer. Case 1210 diesel tractor, 1200 hr. Columbia Co. 717-784-5261.

For Sale- Goats - Nubian doe kid, show quality, ADGA registered, Muirhill/Fox Hill breeding, 2-1/2 months old. Bucks County 215-257-3879 evenings.

For Sale- Saw mill, 20' carriage, 50" blade, it's a "R" hand Alne $4000, w/power unit & $2800 w/o power unit, 717-588-9626 eve., Pike Co.

For Sale- Tobacco plants, ready now,, will pull if preferred. Joseph K. Glick, Quarryville #3 1 mile S.W. of Georgetown, Haiti Rd., Lanc. Co.

For Sale- IH Cub Cadet, 7 hp lawn tractor with mower deck. Good condition, Lanc. Co. 717-393-7452 evenings.

For Sale- 4 yr. old registered quarterhorse mare, 14.3, nice disposition, green broke, $800 firm. Chester Co. 215-273-2185.

Wanted- A Mount-O-Matic Loader for a IHC 574RC Tractor, Perry Co. 717-567-3670.

For Sale- Sauder loader with hy bucket, good cond., $350 Lanc. Co. 626-0716.

For Sale- Approx. 30 tons of good clean ear corn. Located in Berks Co. 215-488-1422.

For Sale- 73 GMC 3/4 ton slide in refrigerator unit, $3000. 1976 Chevy Crew-Cab, dual wheel pickup V-8 auto. $3000. Sold farm must sell. 609-629-6596.

For Sale- Ear corn at $115 ton. Picked up at farm, 717-532-7590 Cumberland Co., Pa.

For Sale- App. 20 ton good ear corn, easy loading, $125 ton, also oats, straw, app. 100 bales York Co. Call after 6 p m. 717-432-3382

For Sale- 2 pure Yorkshire boars from good stock Also tob plants. J.K. King, Paradise R1, 1 mi.. N. Georgetown 896.

For Sale- AC B tractor, plow, cult, disc tobacco hoers, Lanc. Co 215-484-4159.

MAILBOX MARKET

For Sale- NH 271 baler with engine, ready to go Hitch to convert AC D19-D17-WD 45 tractors from Snap coupler to 3 pt 717-656-9733.

For Sale- Tobacco plants, ready to pick, Pen Bell Amos M Zimmerman, 215-445-5796.

For Sale- IH 46 baler with thrower, good cond , one owner, Franklin Co. 717-264-1085.

For Sale- 1965 Ford F-100 pick-up cab for parts, good doors, windows, front and rear glass and other misc parts. Cheap, first $25 takes it. Adams Co 717-528-8555 after 5

For Sale- Int #91 self-propelled combine, 10' in excellent condition, 215-562-3929

For Sale- MF 510, D, combine with air, 13' grain & 430 corn heads in good cond. less than 1000 hrs. shed kept, $19,500. 733-4605 Lanc. Co

For Sale- AC 4 bottom 16" semi-mount plow with automatic reset, 717-334-8289 Lycoming Co

For Sale- Ford 2000, gas tractor, PTO, excellent power steering, live hydraulics, draft control Best offer, 215-589-5412 Berks Co.

For Sale- 100-¼" steel joist hangers for 3x10's or 3x12's, @ $3. Also, dust collection system, 10 h p , 3 phase, with lot of duct, complete, $350. 301-838-6196 after 6 p.m

For Sale- 4 row Int. spring tooth cultivators, front mounted for the following tractors. M, 400, 300, 656, 806, 706 Int's. 215-458-8406 after 6 p.m.

For Sale- 1976 Honda CVCC Hatchback, 5 speed, 43 mpg. AM-FM Stereo cassette, Michelins, $2595, Cecil Co. 301-658-3308.

For Sale- UKC registered Walker coonhound pups - $50 2 litters Call for more information, Lancaster Co. 717-786-3722.

For Sale- John Deere No 50 grass machine Compressor and blower for walk-in cooler 10x16 overhead garage door Call 215-682-7632 Berks

For Sale- Int No 45 Baler in good cond $350 or best offer. Northumberland Co 717-473-8060.

For Sale- 1970 MG Midget, new top cassette and radio. Good mechanical condition, $1300. 215-267-6174 Lanc. Co.

For Sale- Straw from oats, barley. Also about 7 acres baled oats straw from field late July. You pick up. 215-562-8766.

For Sale- 4 Chore Time chicken feeders 43 feet long, $100 each, also roll-away nests, 717-629-0779 Monroe Co.

For Sale- Hampshire ram, all season breeder, four years, $50, half blood beefalo cows with calves, $1000, 215-588-5791 Northampton Co.

For Sale- Farmall H, good condition & tires, $800. Schuylkill Co. 717-682-9277.

For Sale- Int. T-340 Crawler-Loader, new steering clutches, rebuilt hydralic pump, good cond., $3850 Schuylkill Co. 717-345-8261 evenings.

For Sale- 75 Dodge School bus, 66 passenger, Thomas body, 361 engine. Has air brakes, sanders. Good condition, $6500 Columbia Co. 717-889-3071.

For Sale- Farmall B with plow & cultivators, runs great $1000. Call before 9 a.m. or after 7 p m 717-862-3388 York Co.

For Sale- 1000 Used layer cages, feed cart for caged layer house w/gas engine, Gideon Stoltzfus, RD1, Blain, Pa. 17006.

For Sale- David Brown 1210 w/loader, good cond., $6800. Pre-cut calf hutches, $60.00. Oak bale wagon racks, new $700 717-432-4658. York Co

MAILBOX MARKET

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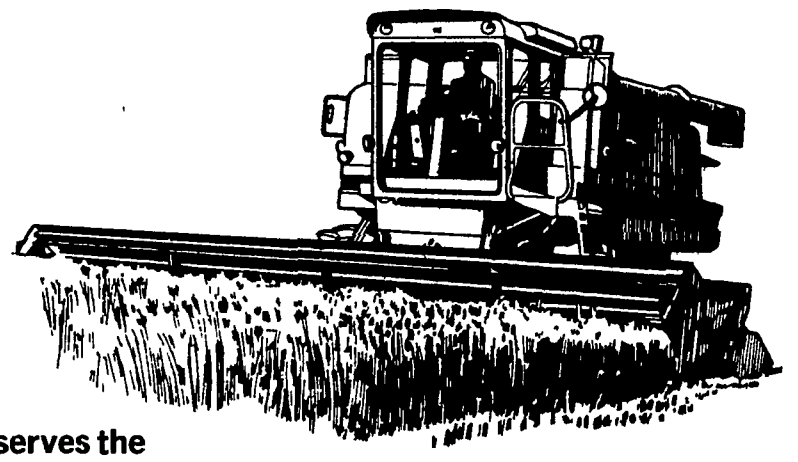

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Homemaker's craft ideas stem from dairy farming

BY JOYCE BUPP
Staff Correspondent

A paralyzed right arm led June O. Adams into creating a needlework masterpiece based on the American dairy farm heritage.

June and her husband Woody are part of the Adams Brothers dairy operation, located in a rolling valley about ten miles south of historic Harper's Ferry, West Virginia. The Adams families milk about a hundred cows and farm several hundred acres of upper Shenandoah Valley crop ground.

"I love to create; I love a challenge," says June, whose enthusiasm for crafts is unbounded. And this talented farm wife not only enjoys experimenting with traditional crafts, she creates her own original ones.

But two years ago, an agonizing pain in her right shoulder began numbing the nerves in the hand that created endlessly. Doctors discovered two slipped vertebrae discs in the very critical neck area, requiring immediate and somewhat dangerous surgery.

June woke in the hospital's recovery room to learn that a problem had occurred during the delicate surgery, leaving her with a paralyzed right arm.

"Go home and do your thing," her doctor eventually ordered as therapy, hoping to restore some movement and feeling to the limb.

June's "thing" relied largely on the use of that right hand.

Lying on the living room couch - after years of boundless interest in crafts, sewing her own and her daughter's clothing, helping on the farm, 4-H activities and sports activities like skiing and roller skating - June made up her mind that somehow she would regain her physical ability to create things.

For June, working the hand and fingers, stretching the muscles, and regaining the strength and feeling, centered on theraputic use of common things like knitting needles, and hours of shaping and kneading of the soft, pliable toy clay called Silly Putty.

Slowly, almost imperceptibly, the numbness began to recede and a tingling sensation crept into June Adams creative fingers.

And it was about that time that she casually flipped through an issue of the **Progressive Farmer Magazine** and spotted an article on the "Southern Country Living Heritage Sampler Contest."

A loving tribute to the dairy heritage of their children was what June Adams stitched into a contest sampler. Included in the intricate needle designs are her three children, a straw-hatted farmer with his dog, and farm symbols like the barn, silos, tractor, haystack, Holstein cows, a barn cat in each corner and the large 4-H symbol for the organization that played a large part of the Adams' family life. June's sampler now hangs in the arts and crafts display in the Museum of Art at Birmingham, Alabama. Pictured with her are Debbie and David.

Homestead Notes

June Adams holds a dimunitive, dainty basket of burlap, filled with tiny dried flowers. The basket is popular at craft shows, eagerly purchased by collectors of miniatures.

Calico roses, arranged in a basket, are part of one of June Adams latest floral creations. The bouquet of tulips, crocheted in granny squares, was her entry in a woman's magazine craft contest.

She cross-stitched, nearly non-stop, for three months, the feeling in her hands gradually returning as the colorful farm theme began to take form in the cloth.

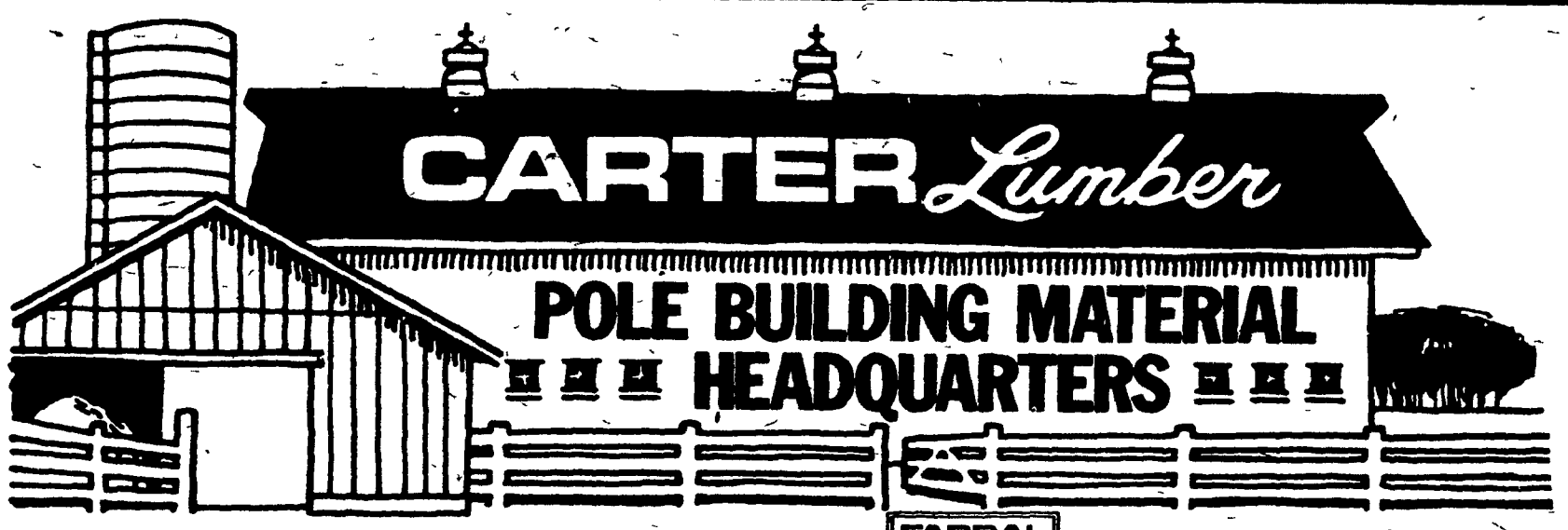
When the sampler was finally finished, June's use of the popular dairy slogan, "Milk Drinkers Make Better Lovers" set the theme for a whimsical look at dairy farm life.

The work "dairy," stitched 26 times around the outside, forms a self-frame for the farm life symbols set against an intricate patchwork sky in blues, and the ground in greens.

Prominent in the finished sampler are the Adams children and a large 4-H symbol, since that rural youth program played such a vital role in the children's earlier lives.

Other symbols include a black and white cow, with a red barn on the horizon, tractor inside, and

(Turn to Page C4)



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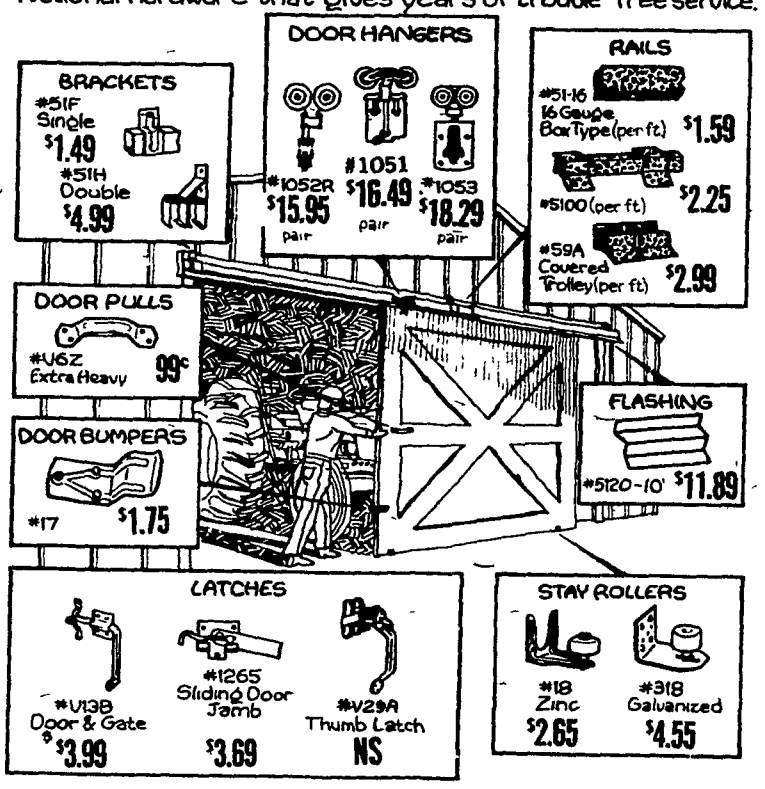

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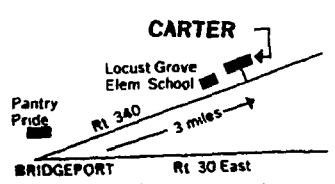

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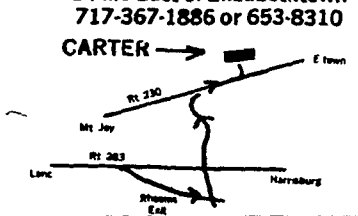

Dairy craft ideas

(Continued from Page C2)

flanked with haystacks and a silo. A straw-hatted farmer, leaning on his pitchfork, and his companion dog, survey the scene. A careful observer will even spot the four barnyard cats, one tucked with cross-stitches in each corner.

June's sampler did not win her one of the top prizes of cash or a sewing machine.

Instead, it won an honorable mention, and a truly impressive honor for June.

"I was just so delighted with what they chose to do with it instead," June says.

The publishing firm asked if they might purchase the sampler, and donate it to the Birmingham, Alabama, Museum of Art, where the tribute to the American family dairy farm would hang in the collection of Arts and Crafts.

June's children are just proud of the sampler they inspired and the special recognition given their mother's art. Because the family was almost reluctant to part with the sampler, though, June now hopes to design and stitch a sampler for each of the children, based on their individual lives and achievements.

Last year, June entered another craft design contest, this one sponsored by the Stearns and Foster Company, makers of Mountain Mist quilting supplies.

That competition was held to select 30 original quilt squares, which would later be combined into a display quilt to travel all over the nation with the Mountain Mist craft show exhibit.

To June Adams, the fact that she had never quilted a stitch in her life was just a minor drawback.

For her first attempt at the old-fashioned skill, June settled on a theme that was on the mind of the world at the time of the contest: America's hostages being held captive in Iran.

Against a calico background, she stitched slender profiles, one for each hostage imprisoned in the embassy. The profiles are arranged around the focal point of a tree, with a yellow ribbon tied prominently around the trunk. A muslin back and frame accented the square when it was completed.

While the square was not one of the 30 winners chosen to be used in the touring display, June did receive recognition as a semi-finalist and won a book on the art of quilting.

And the attempt at quilting has given her another goal. Now she wants to complete a quilt for each one of the three children.

But the craft that has captured the Adams family's greatest interest is not cross-stitch or quilting or ceramics or macarme or any one of a dozen other creative outlets that June Adams has tried.

It's burlap flower design, a craft that June Adams invented.

The burlap that claims the bulk of June's craft hours is not the dull brown material that once came wrapped around livestock feed, but a big-city cousin of the feed company standby, purchased by June in bolts of a rainbow of colors.

Most of the burlap yardage is then chopped up into pieces of various lengths and literally torn apart, piece by piece into bunches of loose threads.

Massing, shaping, trimming, and fastening with wire and floral tape, June magically transforms the fluffy threads into flowers that even fool the bees that alight on the flowers as she works outside in sunny weather.

Pale lavendar burlap, for instance, becomes clover flowers, attached to wire, floral-tape wrapped stems. Leaves are cut from green burlap, and dipped in a mixture of half water and half-glue, making them rigid when they dry. Yellows and oranges become marigolds and sunflowers, gray turns into realistic pussywillows, and the glue-dipped green burlap sometimes even is transformed into garlands of trailing ivy.

June was introduced to burlap as a craft material while working with 4-H'ers. Not satisfied with the ideas then in use, June began further experimenting with the fabric threads and the flowers blossomed from her creative mind and nimble fingers.

She found an outlet for sharing the new craft publicly when nearby Harpers' Ferry national historic park sought community ideas and support for a crafts festival. June reasoned that it would take some new craft twist to catch the interest of visitors and potential customers. The entire family pitched in to prepare for the first burlap booth at the festival.

Burlap by Adams was a smashing success.

Many displays later, June hauled her burlap and finished floral arrangements to a Richmond, Virginia crafts exhibit.

While she was showing there, two women kept returning each day of the show to watch her demonstrate the burlap techniques. But somehow they just couldn't get the instructions down to put the flowers together back home.

"Have you ever considered putting out a book?" they finally asked June.

"I never though I could do something like that," was her immediate reaction at the time. But the suggestions took root, and before too long, June and Woody set out to write, photograph, print and publish a book on burlap flower designs.

"There were times when I almost gave up on it," she remembers, reflecting on the two years of sometimes frustrating spare time efforts it took to develop the 22-page-plus-covers softbacked publication.

June wrote the step-by-step burlap flower instructions, and sketched illustrations for "Magic With Burlap," while Woody took pictures of arrangements using the completed flowers. Patterns for the various designs of leaves were included.

The 2,000 copies June had printed were sold only through her burlap display booth at craft shows; and that printing is now nearly exhausted. She's considering a follow-up publication, one that would use color pictures instead of the black-and-whites in the first volume, and that could be distributed on a wider scale.

Several months ago, June wrote to a New York burlap supplier about her craft and was invited to visit the firm's offices. She and Woody carried along a suitcase full of her burlap flowers, which received quite a favorable reaction from the company's top administrative staff. June hopes that, by working with the burlap supplier, her design knowledge can be shared with more crafters.

As the popularity of June's burlap creations brought increased customer demand, the fabric bolts, completed flowers, arrangements, and miscellaneous supplies took a bigger and bigger chunk of living space in the Adams house.

"One day my son came home from school grumbling that he had found burlap in his bag lunch sandwich," June relates. "Then I knew something had to go."

Woody came to her rescue by purchasing a small, older-model mobile home, parking the trailer at the edge of the back yard. Here June stores all her inventory of craft supplies, finished products packed for show, and maintains her work area out of the family's living space - and sandwiches.

Ever on the lookout for yet another idea for her expanding following of customers, June is now developing fabric roses to

(Turn to Page C5)

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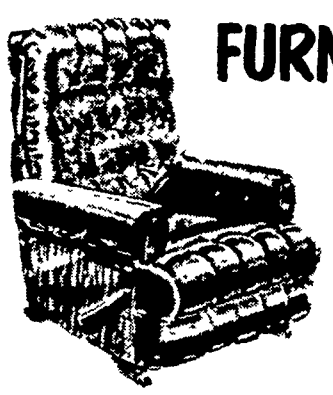

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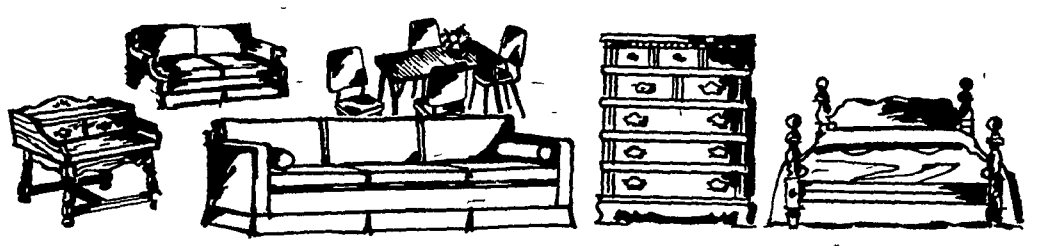

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That old farmstead standby, burlap, is the material from which these bouquets are styled. Included in June's realistic looking flowers are the purple-headed clovers in the foreground, a basket of red strawberries, left, cheery black-eyed yellow daisies at right, and the sunflowers and pussywillows in the back.

Dairy craft ideas

(Continued from Page C4)

include in the variety of items at her burlap sales booth.

She also designs a children's favorite, a popular little doll styled on a clothespin, complete with tiny pocket in the skirt to hold a gift of a coin or similar small item.

Someday, June Adams hopes she'll open the door and hang out a sign about a dream she's had for a long time, a small store where she can sell her own craft creations, plus those of other artisans.

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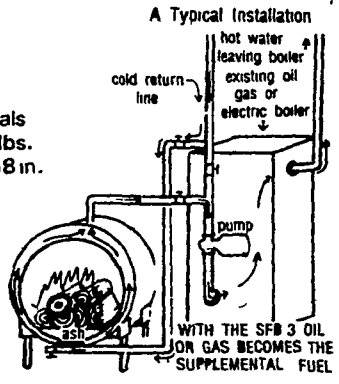
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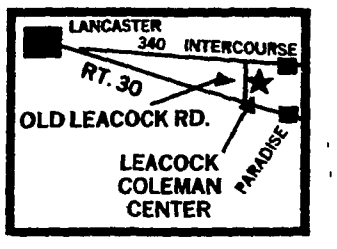

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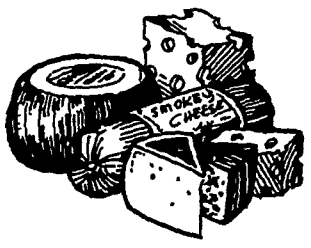
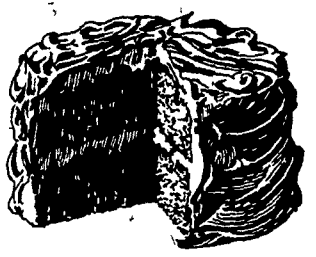


Home On The Range



Dairy dishes rate high praise

If you're wondering how to satisfy the teenaged appetite with good nourishing food rather than junk, then consider fresh dairy products. Try the recipes on this page or the drinks above (something youngsters can make for themselves). The drinks are featured in our Kid's Korner this week, page C 12 .

Dairy foods add a versatile note to all kinds of quickly prepared recipes suitable for summer meals. They can go into a dip to make delicious appetizers, a quick creamy soup or a nourising topping for main foods. And don't forget them in such favorites as luscious ice cream beverages and pies, sauces or desserts.

BREAKFAST

Bran Muffins

1 c. boiling water
1 1/2 c. bran
2 eggs
1 1/2 c. sugar or less
1/2 c. vegetable oil
1 pint buttermilk
2 c. white flour
1/2 c. whole wheat flour
1 1/2 c. bran
2 1/2 c. T. soda
1 t. salt

Pour boiling water over 1 1/2 c. bran and let set. Mix eggs, sugar and oil together. Add buttermilk mix, then sift and add rest of ingredients and also soaking bran mixture and mix. Blueberries, raisins, or dates may be added. Bake 20 minutes at 400 degrees or until done. Muffins are good served hot or cold.

Mrs. Leonard Hurst, Newville

Strawberry Muffins

1/2 c. butter
1 1/4 c. sugar
2 eggs
2 c. flour
1/2 t. salt
2 t. baking powder
1/2 c. milk
2 1/2 c. strawberries

Cream butter and sugar; add eggs one at a time beating until blended. Sift together dry ingredients. Add to creamed mixture in small amounts, alternately with milk.

Mash 1/2 c. berries and add to batter. Stir in remaining berries. Place in greased muffin tins, filling almost to top. Sprinkle tops with small amounts of sugar. Bake 375 degree oven for 25 to 30 minutes.

Barbara Russell, Pine Bush

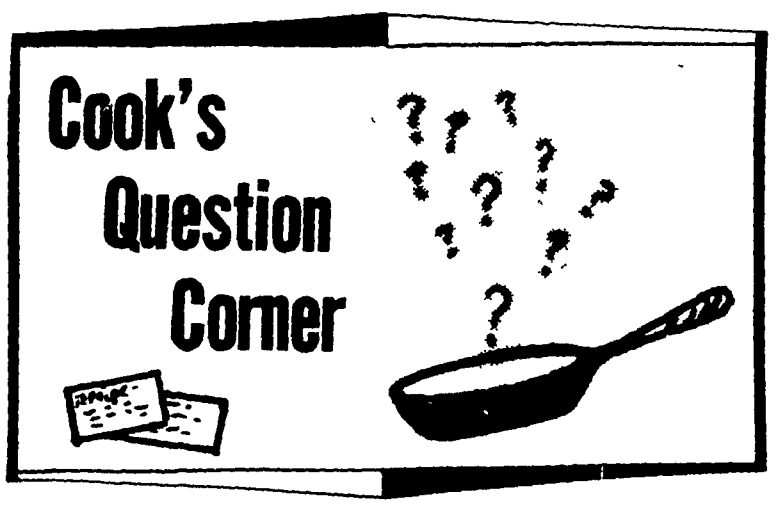
BEVERAGES

Dairy Punch

2 quarts milk
1 quart orange juice
1 quart orange sherbet

Mix and refrigerate.

Sue Wenger, Manheim



QUESTION — I would like a recipe for starting the Friendship Cake. Can anyone help me?

Mrs. Dennis Nussbaum, Valley View

ANSWER — We received a recipe for delicious gingerbread along with a recipe for topping. Find it at the end of the dairy recipes.

NOTE — Due to deadlines and the amount of recipes we try to offer you every edition, we are unable to kitchen test recipes that are printed and are only able to present them to you as your friends and neighbors submit them.

Please do yourself and them a service by providing all instructions and correct measurements, oven settings and baking lengths. Thank you.

Recipe Topics

June	Dairy recipes
July	
4	Barbecue for the holiday
11	It's peach month!
18	Pancakes early morning recipes

Eggnog

3 c. milk
3 eggs
1/3 c. sugar
3 t. vanilla

Put all ingredients in blender. Blend until thoroughly mixed and foam.

Sue Menges, Watsontown

APPETIZERS

Party Cheese Balls

2-8 oz. pkg. Phil. cream cheese
2 c. shredded cracker barrel cheese (sharp)
1 T. chopped pimento
1 T. chopped green pepper
1 T. chopped onion
2 t. Worcestershire sauce
1 t. lemon juice
dash of red pepper
dash of salt
finely chopped pecans, approx. 1/2 cup

Combine softened cream cheese and cheddar cheese, mixing well until blended. Add remaining ingredients, except nuts.

Mix well. Chill.

Shape into ball and roll it in the finely chopped pecans until well coated. Serve with any type of crackers.

Ruth Stoltzfus, Millington, Md.

Our next recipe comes from a friendly, farming "neighbor" in Seattle, Washington:

Hot Tostada Dip

1 can refried beans (16 oz.)
8 oz. cream cheese
4 oz. can chili peppers, chopped
1/4 c. chopped onions
8 oz. tomato sauce or taco sauce
2 c. grated longhorn or mild cheddar cheese

Spread refried beans in bottom of 8x8 loaf pan or similar size casserole. Top with a layer of cream cheese. Top with onions, pepper, and either tomato or taco sauce (depending on how spicy you want dip). Bake in 325 degree oven for 15 minutes. Remove and add grated cheese. Return to oven for 10 more minutes. Serve hot with corn chips.

SALAD

24 Hour Salad

2 beaten eggs
4 T. sugar
1 T. vinegar
2 T. butter
2 c. fruit cocktail
2 c. chunk pineapple
2 c. miniature marshmallows
1 c. whipped cream

Method: put eggs in double boiler. Add sugar and vinegar. Heat until thick. Remove from heat and add butter. Let cool. Add rest of ingredients and chill in refrigerator for 24 hours. Bananas and mandarin oranges may also be added.

Vera Scott, Cortland, N.Y.

Wedding Salad

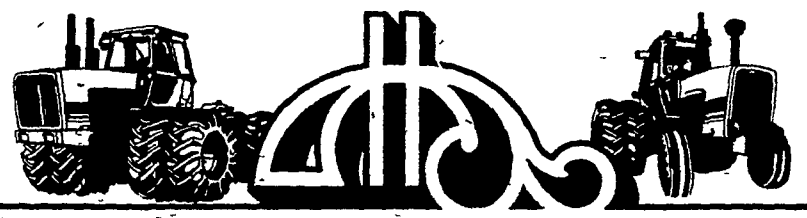
1 (6 oz.) pkg. cherry gelatin
2 c. boiling water
2 c. cold water
1 (1/4 oz.) envelope unflavored gelatin
1/4 c. cold water
1 (8 oz.) pkg. real cream cheese
1/2 pint whipping cream
1 (30 oz.) can fruit cocktail
1 c. chopped walnuts

Drain the fruit cocktail. Dissolve the unflavored gelatin in the 1/4 cup cold water; set aside. Prepare the gelatin according to the package instructions. Add unflavored gelatin to the gelatin mixture. Cool. Beat softened cream cheese in a large bowl with an electric mixer until smooth. Add whipping cream, a little at a time, beating continuously until fluffy. Add the cooled gelatin to the cream cheese mixture and beat until blended thoroughly. Add fruit cocktail and chopped walnuts. Pour into a 13 x 9 inch pan or a gelatin mold. Chill for at least 4 hours before serving.

June Boyer, York

(Turn to Page C8)

June is dairy month



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Dairy dishes

(Continued from Page C6)

MAIN DISH

Southern Corn Pudding

1/4 c. butter
1/4 c. flour
2 t. salt
2 T. sugar
1/4 t. nutmeg
1 3/4 c. milk
3 c. fresh corn
3 eggs

Melt butter in saucepan. Blend in flour, salt, sugar and nutmeg. Stir until smooth. Do not brown. Add milk. Cook until thick. Stir in corn, add eggs beaten until frothy. Pour into buttered shallow 1 1/2 quart casserole. Set in pan containing 1 inch hot water. Bake in oven 350 degrees just until set about 45 minutes.

Makes 6 to 8 servings.

M.G.

Spinach Casserole

1/2 lb. sliced bacon
2 pkg. spinach
2 eggs
2 c. milk
1 t. salt
2/3 c. soft bread crumbs
1 1/2 c. shredded cheese (sharp)

Dice bacon, drain on paper. Cook spinach and drain thoroughly. Beat eggs slightly. Add milk and salt. Stir in the spinach, bread crumbs, bacon, and 1/2 of the cheese. Pour mixture into 1 1/2 quart baking dish. Sprinkle remaining cheese around outside edge of dish. Sprinkle top with paprika. Heat in a 375 degree oven 30 to 35 minutes.

Mrs. G. Pepper
Columbia Cross Roads

Tuna-Corn Sauce on Toast

1/4 c. mayonnaise
2 T. flour
1 c. milk
1 t. minced onion
1/4 t. salt
1/8 t. pepper
1-7 oz. can tuna, drained
1 c. corn
1/4 c. grated cheese

In saucepan, combine mayonnaise and flour. Gradually stir in milk, onion, salt and pepper. Heat over low heat, stirring constantly, until it reaches a boil. Add tuna, corn and cheese. Stir until hot and cheese is melted. Serve over toast.

Mrs. Clair Hurst, Kirkwood

Asparagus Casserole

2 lbs. fresh asparagus, or 4 c. cooked
4 T. butter
2 T. flour
2 c. milk
1/4 t. fresh ground pepper
salt
4 hard-cooked eggs
1/2 c. cracker crumbs

Discard woody base of asparagus, slice with long slanting cuts 1/2 to 1/4 thick. Cook in small amount of boiling, salted water until barely tender. Drain. Melt 2 T. butter, blend in flour. Add milk, pepper and salt to taste and boil until it thickens. Stir constantly. Arrange half of the cooked asparagus and the 4 eggs, sliced, in the bottom of a baking dish. Cover with half of the white sauce. Top with rest of the asparagus, then rest of white sauce. Sprinkle cracker crumbs on top. Dot with 2 T. of butter. Bake in 350 degree oven for 30 to 35 minutes or until hot and bubbly.

Mrs. Amos King, Lancaster

Old-Fashioned Cheese Strata

6 slices day old bread
2 c. shredded Swiss cheese
1 c. sharp cheddar cheese
6 eggs
2 c. milk
1/2 c. chopped onion
1 t. salt
1/2 t. dried dill weed
1/2 t. dried mustard
1 t. Worcestershire sauce
1/4 to 1/2 t. tobasco pepper sauce

Lightly butter 1 1/2 quart baking dish. Trim crust from bread place and place trimmed bread in bottom of dish. In medium bowl beat eggs, milk, onions, salt, dill, mustard, Worcestershire sauce and pour over trimmed bread and cheese. Sprinkle with remaining cheese. Cover and let stand 30 minutes to one hour.

Place baking dish in pan of hot water.

Bake in 350 degrees 45 to 55 minutes or until tip of knife inserted in center comes out clean. Let stand 5 minutes before serving.

Mrs. F. Rollo Davis
Bridgeton, New Jersey

English Monkey Cheese Dish

1 c. bread crumbs
1 c. milk
1 egg
1 T. butter
3/4 c. grated cheese
1 t. salt
6 pieces hot buttered toast

Soak the bread crumbs for 15 minutes in hot milk. Melt the butter in the top of a double boiler and add the cheese.

When the cheese is melted, add the soaked crumbs and seasoning.

Then add the beaten egg and cook for 3 minutes.

Pour over the hot buttered toast and serve at once. Serves 6.

Esther Burkholder, Kutztown

DESSERTS

Cherry Pudding

2 c. pitted cherries
1 c. milk
1/2 c. shortening or lard
1 c. sugar
2 eggs, beaten
2 1/2 c. flour
4 t. baking powder

Cream shortening and sugar and add beaten eggs. Sift together flour and baking powder and add alternately with milk. Drain juice from cherries and add cherries to dough. Bake in greased pan 350 degrees about 50 minutes.

Mrs. Carl Bacon, Felton

Pumpkin Ice Cream Pie

1-9 inch graham cracker crust
1 pt. vanilla ice cream
1 c. cooked pumpkin
3/4 c. sugar
1/2 t. ginger
1/2 t. cinnamon
1/2 t. salt
1/4 t. nutmeg
1 c. heavy cream
1/2 t. vanilla
pecan halves

Spread ice cream on bottom of crust. Freeze 15 minutes. Combine pumpkin, sugar, spices, and salt. Whip cream and vanilla and fold into pumpkin. Pour over ice cream. Freeze. Garnish with pecan halves.

Mrs. John Glick, Gap

Pistachio Ice Cream Pie

1-4 serving size pkg. instant pistachio pudding mix
1 c. milk
1 qt. vanilla ice cream
1/2 of a 4 oz. carton frozen whipped dessert topping, thawed
1-9 inch graham cracker pie crust

Prepare pudding mix according to package directions except use only the one cup milk. In mixing bowl stir ice cream just to soften. Working quickly, stir in pudding and whipped dessert topping till blended. Turn ice cream mixture into graham cracker crust. Freeze several hours or overnight. Let pie stand 10 minutes at room temperature before serving. Spoon fudge topping over each serving if desired.

Mrs. Daniel Gehman, New Holland

Cherry Surprise

1 stick of butter
2 pkg. graham crackers, crushed
1-8 oz. pkg. cream cheese
1 c. whipped cream
2 cans cherry pie filling.

Melt 1 stick of butter and pour over the 2 pkg. of crushed graham crackers. Mix well and pat into a 9 x 13 inch sheet cake pan. Cream together 1-8 oz. pkg. of cream cheese and the 1 c. of whipped cream. Spread over top of the graham crackers. Add the 2 cans of cherry pie filling on top of the cream cheese mixture. Cover and chill overnight. Cut in squares and serve.

Mrs. Sidney Lease,
New Windsor, MD

(Turn to Page C9)

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Dairy dishes

(Continued from Page C8)

German Rice Pudding

1/2 c. regular rice
2 c. boiling water
3 c. milk
1/2 c. sugar or maple syrup
1/2 t. salt
1 t. vanilla
ground cinnamon

Add rice to boiling water in 2 quart saucepan. Bring to a boil again. Reduce heat and cook stirring occasionally until all the water is absorbed.

Stir in milk. Simmer 20 minutes, stirring occasionally. Add sugar and salt. Continue cooking 20 more minutes or until mixture is creamy. Stir in vanilla. Serve warm or cold sprinkled with cinnamon.

Vivian Hough, Sussex, N.J.

Chocolate Chip Ice cream

4 eggs, slightly beaten
1 can evaporated milk (13 oz.)
1 can sweetened condensed milk (14 oz.)
1/2 c. sugar
2 t. vanilla
1/2 t. mint or peppermint flavoring
2 quart milk
1 1/2 c. mini or regular chocolate chips

Mix and pour in ice cream freezer. Continue churning and treat as with other homemade ice cream.

Mrs. Verna Douts, Quarryville

Butterscotch Pudding

1 pkg. butterscotch pudding
1 pkg. vanilla pudding
1/2 pint whipping cream
5 bananas
7 graham crackers

Cook pudding and cool. Whip cream. Blend pudding and cream. Cut bananas and break up crackers. Add to pudding mixture. Chill before serving.

Edna Brubaker, Denver

Cheese Tarts

Put a vanilla wafer in the bottom of muffin pan cups, using paper liners.

Mix together:
2- 8 oz. packages cream cheese
2 eggs
1/2 c. sugar
1/2 t. vanilla

Beat until fluffy. Pour into muffin cups, 3/4 full. Bake for 20 minutes in a 350 degree oven. Cool. Fill the hole in each tart with blueberry or cherry pie filling. Refrigerate.

Dorothea Smale, Kunkletown

Chocolate Cream Dessert

4 T. cocoa
1/2 c, cold water
2 c. cream, whipped
2 c. milk
2 T. plain gelatin, softened in 1/4 c cold water
1 1/2 c. granulated sugar
4 egg yolks
2 t. vanilla

Mix cocoa with cold water, then cook until thickened. Mix milk, sugar and gelatin together. Pour into cocoa mixture and add egg yolks. Cook 4 minutes. Set in cold place until it begins to thicken, then add whipped cream, flavoring and beaten egg whites. Chill until set.

Mrs. Eli Sauder, New Holland

Ida's Notebook

Ida Risser

We are constantly reminded there is a housing shortage. There are not enough houses for all the newly married couples and thus many new apartment houses are being built.

One reason for this shortage may be that we are no longer willing to share our homes with relatives. A three generation household is the exception rather than the rule.

When a widow has sufficient means, she usually prefers to live alone and be independent. Young people who graduate from college or who have a first permanent job are anxious to get away from parental advice. They want to "make it" on their own.

Statistics tell us the average household today has only 2.8 persons while in 1930 there were 4.1 persons in each home. Many people live alone because they value their independence.

As a child I grew up in a three generation household. And it was a full house with five children under twelve years of age, at the time, and a grandmother too.

Yes, there were strained relationships and not always the warmth of a large family of which we hear so much. There are slammed doors and angry words but even so I look back and really appreciate the fact that I got to know my grandmother.

Mothers are under pressure and cannot always show the patience that small children need when they make mistakes. I have fond memories of my grandmother helping me when I had accidents. I'm sorry we didn't show her more love and appreciation for all the mending and potato peeling that she did for us.

We decry the loneliness of many of our elder citizens who choose to live alone. And yet, have they not chosen this life in order to have more freedom and privacy.

Teaberry Ice Cream

4 eggs
2 cans sweetened milk
1/2 c. sugar
2 qts. milk
1/2 c. teaberries, covered with boiling water, let stand until dissolved.

Mix eggs, sugar and sweetened milk and other milk and teaberry mixture. Freeze in ice cream freezer until hard.

Kathleen Green, Ashland

Here is a recipe for delicious gingerbread for our Cook's Question Corner:

Gingerbread

1/2 c. brown sugar
1/2 c. lard
2 eggs
1/2 c. baking molasses
1/2 c. boiling water
1 3/4 c. flour
1/2 T. soda
1/2 t. salt
1/2 t. ginger

Cream brown sugar and lard. Add eggs and then molasses and water. Add sifted ingredients. Bake at 325 degrees for 45 to 50 minutes in a greased 9x9 pan.

Topping:
2 eggs
6 T. 10x sugar
4 T. melted butter
vanilla

Beat egg whites until stiff. Add sugar slowly as beating. Add cooled melted butter and the beaten egg yolks. Add vanilla.

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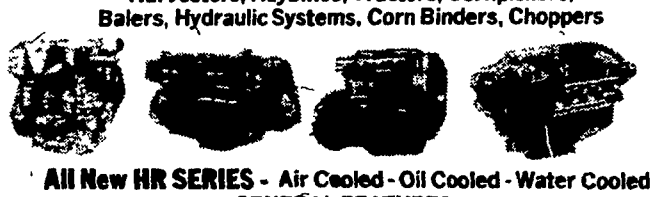

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Chicken cook-off winners named

HARRISBURG — Mary Dickerson of Pittsburgh, Allegheny County, was recently named winner in the 1981 Pennsylvania Chicken Cook-Off Contest, according to State Agriculture Secretary Penrose Hallowell.

"Brandied Chicken Breasts", an original blend of chicken breasts, spices, apricot brandy and sour cream make up Dickerson's prize winning recipe. First prize was $100 plus an all-expense paid trip to Ocean City, Maryland, to compete for the $10,000 grand prize in the National Chicken Cook-Off.

The National Broiler Council selected ten finalists to prepare their recipes May 23, from over 2,000 entries from across the state. The finalists were provided with travel expenses to the state contest by the Pennsylvania Poultry Federation.

Second place winner was Frances Dietz of York, who received a Betty Groff Cook-Book for her recipe, "Continental Chicken Velvet." This recipe combines chicken breasts with spices, fresh mushrooms, brandy, heavy cream, stuffed olives and tomato.

The remaining cook-off finalists, who also received Betty Groff Cook-Books, included Dr. Lloyd Brotman of Philadelphia; Shirley DeSantis of Bethlehem, Northampton County; Marcia Hajuk of Harrisburg; Mary Kappelt of Erie; Jacqueline McComas of Frazer, Chester County; Jacqueline Matthews of Wilkes-Barre; Bill Netsky of King of Prussia, Montgomery County; and Sally Pietrandrea of Mifflinburg, Union County.

The Pennsylvania Chicken Cook-Off was sponsored by the National Poultry Broiler Council and the Pennsylvania Poultry Federation in cooperation with the Pennsylvania Department of Agriculture.

The following are the first and second place winning chicken cook-off recipes:

BRANDIED CHICKEN BREASTS

4 whole broiler-fryer chicken breasts, halved, boned, skinned
⅓ cup flour
½ teaspoon salt
1/16 teaspoon freshly ground pepper
¼ teaspoon tarragon leaves, crushed
¼ cup butter
⅓ cup apricot brandy warmed
¾ cup chicken broth
½ cup sour cream

In shallow dish mix together flour, salt, pepper and tarragon. Add chicken, one piece at a time, dredging to coat. In large frypan, place butter and melt over low heat. Add chicken and cook, turning, about 10 minutes or until brown on both sides. Add warm brandy; touch with lighted match to ignite. Stir in chicken broth.

Cover and simmer over low temperature about 10 minutes or until fork can be inserted in chickens with ease. Remove chicken from frypan and place on warm serving platter. Add sour cream to liquid in frypan; stir to warm. Pour sauce over chicken to serve. Makes 4 large servings.

CONTINENTAL CHICKEN VELVET

2 whole broiler-fryer chicken breasts, halved, boned, skinned
3 tablespoons butter, divided
1 tablespoon olive oil
¾ teaspoon salt, divided
1/8 plus 1/16 teaspoon pepper, divided
½ cup sliced fresh mushrooms
1 tablespoon brandy
½ cup heavy cream
6 stuffed olives, sliced
1 tablespoon chopped parsley
1-½ teaspoon tomato paste

On hard surface with meat mallet or similar flattening utensil, pound chicken to ¼-inch thickness. In frypan, place 1 tablespoon of the butter and oil and heat to medium temperature. Add chicken. Cover and cook, turning once, about 15 minutes or until opaque and fork can be inserted in chicken with ease.

Remove chicken from frypan and sprinkle with ½ teaspoon of the salt and 1/8 teaspoon of the pepper. In same frypan, heat pan drippings to boiling temperature and cook about 5 minutes or until reduced half. Add mushrooms; stir-fry about 3 minutes; remove from frypan. In same frypan, make sauce by placing brandy and heat to simmer.

Add remaining 2 tablespoons butter and cream; cook, stirring, over medium heat about 8 minutes or until slightly reduced. Add olives, parsley, tomato past, remaining ¼ teaspoon salt and remaining 1/16 teaspoon pepper; stir. Return chicken to frypan, turning, to coat with sauce. Stir in mushrooms. Makes 4 servings.

Extension seeks dairy princess contestants

FLEMINGTON, N.J. — Contestants are still wanted for the Hunterdon County Dairy Princess Contest, according to Mrs. Marie Schwab, chairwoman for the event.

The date and place are set at Tuesday, June 23, 7 p.m., Amwell Valley Firehouse, Ringoes.

To be eligible, a girl must be 17-24 years of age, single, and have at least some dairy farm experience!

Winners, a princess and an alternate, receive cash prizes and a paid-expense trip to a dairy promotion seminar at the University of Delaware. The two winners will also compete in the State Dairy Princess Contest held during the Flemington Fair.

Current Hunterdon Dairy Princess, Chris Endris, Flemington, also holds the state title. She recently graduated from Cook College, having majored in Food Science.

Entry forms for the contest and tickets for the dinner are available in the Extension Service office, Extension Center, Route 31, north of Flemington.

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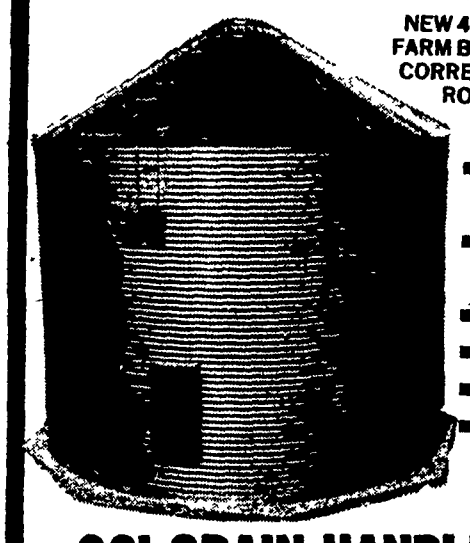

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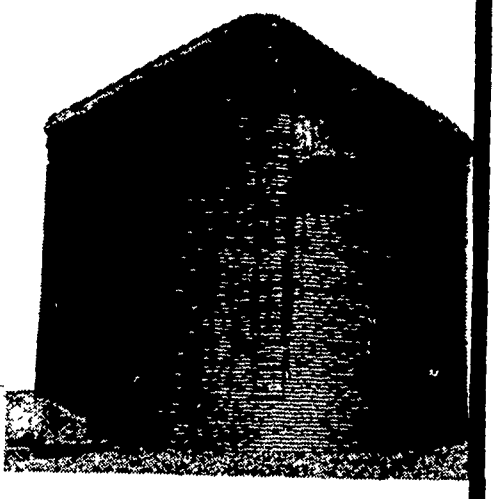

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Milk drinks add fun

LANCASTER — Let "Grape Gatsby," "Orange Eskimo," and "Peaches VaVoom" introduce you to a season of summer fun with milk and other "REAL" dairy products.

"Peaches," and company, are part of a collection of 23 exciting new flavored milk drinks, each having it's own distinctive face and personality. The recipes are being offered this summer as part of the "Milk...The Soft Soft Drink" campaign, sponsored by your local dairy farmers. For a few of the recipes, turn to page C 12

Milk plus grape juice, maple syrup, cream of coconut and even orange marmalade are some of the new and intriguing combinations contained in such recipes as "Banana Nana," "Bali-Hoo" and "Udder Chaos." Other dairy products featured in the recipes include ice cream and whipping cream. Many of the drinks can do double duty as exciting new summer desert ideas when they are popped in the freezer.

Along with the recipes, a set of four 20-oz. plastic cups are being offered which feature the faces of four of the flavored milk "characters." Order blanks for the recipe leaflets and cups can be found in stores featuring the "Dairy Days USA" display in their dairy cases and also in the June and August editions of popular women's magazines.

They are also available by sending $1.50 and two "REAL" Seals for each set of cups and two "REAL" Seals for each recipe leaflet to: Krazy Kups, P.O. Box 14482, Baltimore, MD, 21268. (A recipe leaflet is included with each cup order).

Lancaster legislator and farmer Noah Wenger samples a Banana Nana, one of the "summer fun" milk-fruit drinks.

Maryland Grange discusses educational ag program

THURMONT, Md. — The Maryland State Grange Executive Committee met May 23 at Westminster and discussed the education program pertaining to the Institute of Applied Agriculture at the University of Maryland.

The Executive Committee voted to send a letter to key agricultural personnel hoping that University of Maryland personnel will try to make every effort to continue the two-year program.

Rodman Myers, Master of the State Grange, said the oldest farm fraternal organization in the state has always been interested in educating persons interested in the field of agriculture.

The Institute provides a two-year program for careers in agriculture. Many students would not be able to afford tuition costs and other related expenses for a four year agriculture program, so they enroll for the two-year program and gain employment in the field of agriculture, Myers reported. Later, if they wish, they have the opportunity to continue their education for a higher educational degree.

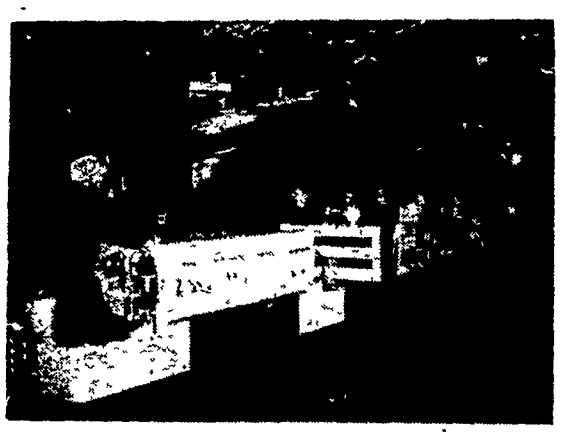
Myers, who represents the Grange on the University of Maryland Agriculture Advisory Board along with other agricultural members, will meet June 22 to discuss the future of the University of Maryland Institute of Applied Agriculture.

June is dairy month

Dairy Idea

If you like avocados, you'll like this dressing, especially over tossed greens. Place one-half cup chopped, peeled avocado, two teaspoons fresh lemon juice, one-half teaspoon salt, one-fourth teaspoon celery seed, dash of pepper and one-half cup dairy sour cream in blender container. Cover and puree until smooth. Blend in an additional 1/2 cup sour cream. Chill, covered, allowing flavors to blend.

Tour Ashland's Pioneer Tunnel Coal Mine & Ride the Steam Lokie



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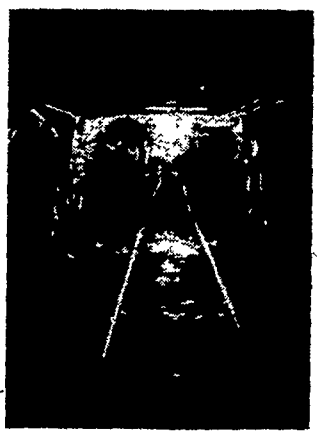


Pioneer Tunnel Coal Mine

Who would ever dream that he would have an opportunity to visit an actual coal mine? By now you can, conveniently and in complete safety, at Ashland, Pa , in the heart of Pennsylania's famed anthracite region Here, thanks to the efforts of a group of civic-minded citizens who formed a nonprofit organization for the purpose, a real honest-to-goodness coal mine managed by real coal miners has been restored as a tourist attraction

Pioneer Tunnel is what is known as a horizontal drift mine It runs for 1200 feet straight into the side of Mahanoy Mountain. You make the trip in comfort, riding in open cars pulled by a battery-operated mine motor When you alight, deep inside Mahanoy Mountain, miner-guides tell and show you the fascinating story of anthracite coal

The mine temperature averages 55°, so please bring your sweater or jacket At times water drips from the top of the mine and the floor planking is damp Also, guests ride in open cars behind the lokie, which is a coal burning engine Visitors are advised to dress accordingly

Picnic and playground facilities are available in a park adjoining Pioneer Tunnel Also nearby is a state-operated museum devoted to mining technology and geology.

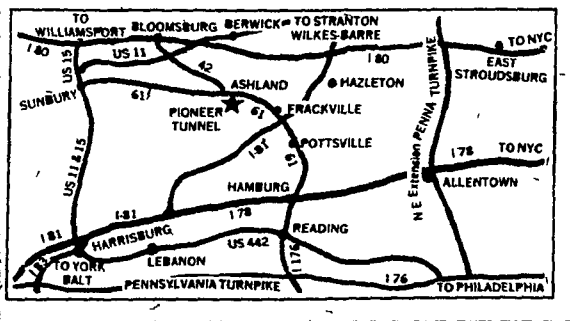
Moving on to the picturesque town of Ashland, another attraction awaits you, a bronze replica of Whistler's famous "Mother" painting, erected as a memorial to the mothers of Ashland

Geology buffs will enjoy searching for fossils near a gigantic exposed fault The fossil site is located about 1½ miles from Pioneer Tunnel, and guided tours can be arranged at the Tunnel Office

Steam Lokie

A big "added attraction" on your visit to Pioneer Tunnel is an opportunity to ride an old-fashioned, narrow-gauge, steam locomotive (lokie), the Henry Clay The Henry Clay, with its string of brightly colored mine cars and of course a red caboose, takes you on a three-quarter-mile ride around the side of Mahanoy Mountain to show you another kind of mining known as strip mining. The Steam Lokie will take you to Mammoth Stripping - an area where an unusually thick seam of anthracite known as Mammoth Vein bent up to the surface of the earth. Here, in days gone by, monstrous steam shovels of the Panama Canal type ripped out millions of tons of coal from the exposed seam and left a 150-foot high man-carved wall of solid rock extending as far westward as the eye can see You can look down into the gaping trenches man has left and almost hear the crashing, clanking, rumbling coal mining operations of yesteryear

Nearby is a relic "bootleg"-coal hole. This and others in the area were dug by men who were willing to defy trespass laws, brave caveins and company guards to obtain a few bags of coal to sell or heat their homes



Pioneer tunnel was selected as one of the top ten tourist attractions in PA in 1979, by PA Travel Advisory Council.
Group rates available on request.

For Further Information Contact

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Kid's Korner

Make some fun this summer

Kid's, there's nothing better than a nice, cold drink made from ice cream and milk waiting for you when you are done playing ball, making hay or gardening. Try some of these fun recipes and have a great gatsby, bali-hoo, chaotic, vavooming, clucking, wobbling good time!!

Kids, make some fun this summer that's cool and delicious. Try these summer yummies for your tummies. All recipes come from the United Dairy Industry and they all feature milk, so tell mom the drinks are good for you as well as fun to make. Tear out this page and keep it all summer long.

BANANA NANA
3/3 c. milk
2 T. crunchy peanut butter
2 T. chocolate syrup
2 ice cubes
1 scoop of ice cream, optional

Combine in blender until thick and smooth. Pour into glass or cup. Garnish with 1/2 banana dipped in lemon juice (to keep it from getting brown) and rolled in chopped nuts.

GRAPE GATSBY
1/2 c. of milk
2 T. grape juice concentrate
1 scoop vanilla ice cream

Combine in blender until thick and foamy. Pour into tall glass and top with a second scoop of ice cream. Garnish with whipped cream and a cherry. (Another one to try freezing for a dessert treat).

PIE A LA MOO
1/2 c. milk
1/4 c. cherry pie filling
1 scoop cherry or vanilla ice cream
peppermint stick

Combine milk, pie filling, and ice cream in blender until thick and smooth. Pour mixture into tall glass and garnish with peppermint stick.

UDDER CHAOS
1/4 c. milk
2 T. chocolate syrup
club soda
1 scoop vanilla ice cream

Mix milk and syrup in a tall glass. Add enough soda to fill the glass. Top with scoop of ice cream.

BALI-HOO
1/2 c. milk
1/4 c. crushed or chunk pineapple
2 T. cream of coconut
1 t. honey
2 ice cubes
1 spear of fresh pineapple

Combine milk, crushed pineapple, cream of coconut, honey, and ice cubes in blender until smooth and frothy. Pour into tall glass or cup and garnish with pineapple spear rolled in coconut.

PEACHES VAVOOM
1/2 c. milk
1/2 c. sliced peaches
1 scoop of vanilla ice cream

Combine in blender until thick and foamy. Other fruits in season may be used.

ORANGE CLUCK
3/4 c. milk
2 T. orange juice concentrate
1 t. brown sugar or honey
1/4 t. vanilla
1 egg

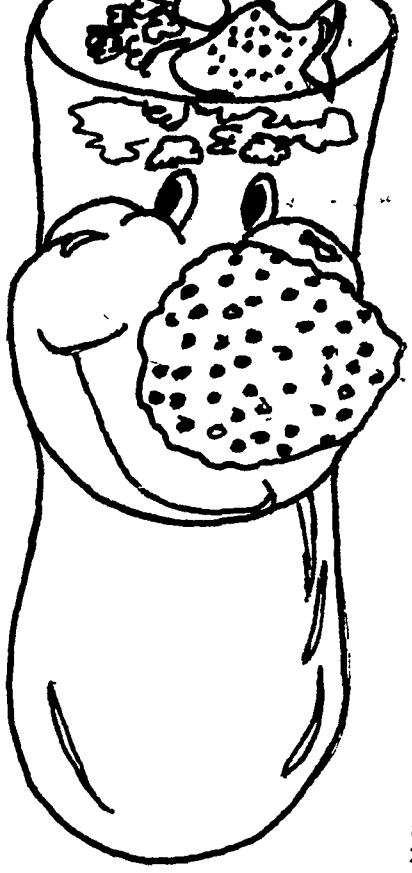
Combine in blender until thick and foamy.

CHOCO CHICO
1 c. milk
2 T. chocolate syrup
1/4 t. cinnamon
1/4 t. vanilla
dash salt
whipped cream
grated chocolate

Heat all ingredients except whipped cream and grated chocolate in saucepan. Cool mixture. Serve over crushed ice, and garnish with the whipped cream and grated chocolate. Add a marshmallow if desired.

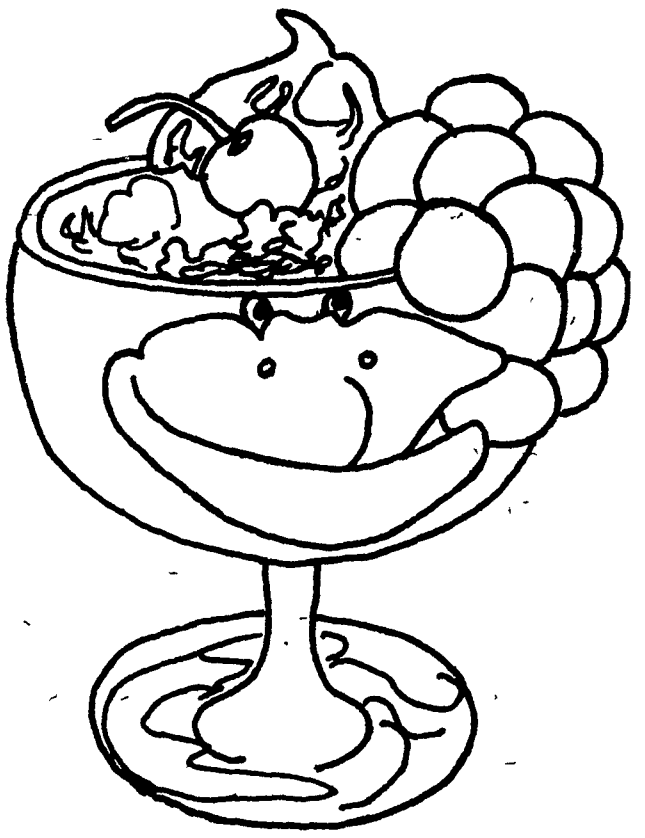
BERRY WOBBLE
3/4 c. milk
4 oz. frozen sliced strawberries, slightly thawed
2 ice cubes

Combine in blender until frothy. Pour into a tall glass or cup.



BERRY WOBBLE

ORANGE CLUCK



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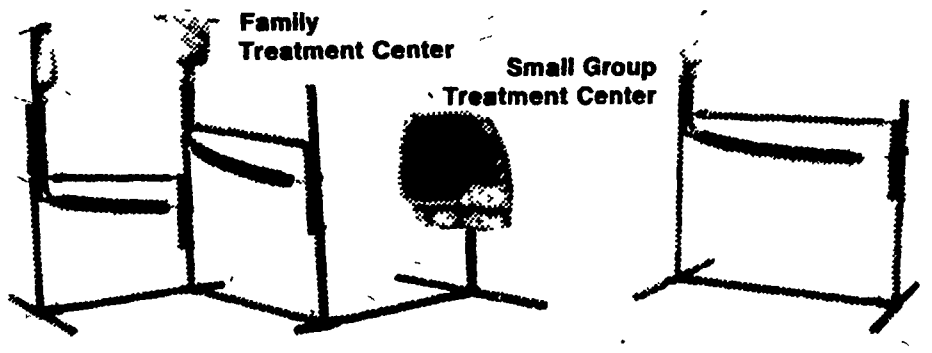

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Lebanon 4-H'er to visit Trinidad, Tobago

LEBANON — A local 4-H member has been selected to represent the United States for six weeks this summer on an exchange with Trinidad and Tobago.

Megan Connor, 16, will be an International 4-H Youth Exchange (IFYE), departing on June 14.

Megan will live with families in Trinidad and Tobago, learning customs and lifestyles of the Carribean Islands.

"In talking to people, I want to discover their food habits, nutritional needs, likes and dislikes of food," says Megan.

Because she is interested in a career in dietetics, Megan plans to prepare American foods for her host families. Also, she will collect recipes from her host families to prepare when she returns home in August.

According to Linda Rohrbach, extension 4-H agent, Megan's cultural experience "won't end when she gets home. She'll be doing presentations for civic groups and 4-H clubs about food and other customs of Trinidad and Tobago."

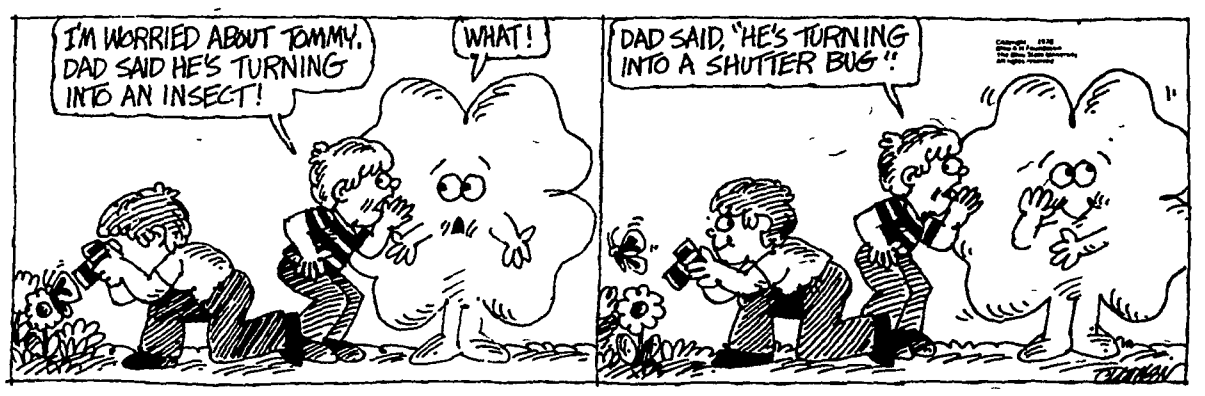
Groups who want to schedule Megan as a speaker this fall can contact either Linda at 274-2801 or Megan.

Megan's trip is partially financed by contributions to the Lebanon 4-H Development Fund, which supports 4-H educational programs for Lebanon countians.

Megan, a member of the Mill Acres 4-H Club and Lebanon County 4-H Teen Council, will be a senior at Cedar Crest High School.

She is the daughter of James and Diane Connor.

CHRIS CLOVER



Lancaster 4-H events

LANCASTER — The Lancaster County 4-H will initiate a new project into their program, Monday, June 22, when they receive German shephard puppies for a leader dog club.

The puppies, arriving at the Mountville Church of the Brethren from Penn State and sponsored by the Lion's Club, will be going one each to four 4-H'ers. The seven-week-old puppies will be raised and trained by the members for approximately a year.

Anyone wishing to join this project and raise a puppy, call Nancy Meyers at 394-6851.

Congratulations go to Deb Enders and Carol Burkhart who have joined the 4-H program as summer interns. Also beginning duties at the Farm and Home Center is Paul Soloman working in the horticulture department.

4-H'ers complete personal improvement program

NORRISTOWN — Fifteen young women from Montgomery County recently completed a special 4-H program in Personal Improvement.

The following young people received a blue ribbon and 4-H Achievement Certificate at the culminating Fashion Revue held at the Montgomery County 4-H Center in Lansdale on Wednesday, May 27. Bridget Faulkner, Michele Wilsey, Misha Shah, Annemarie Ruth, Jody Carney, Leslie Ketterer, Staci Wiegand, Nancy Morrissey, and Therese Tardio, all from Lansdale; Hildie Block and Amy Nelson, North Wales; Connie and Brenda Moyer, Harleysville; Ashley Jones, Schwenksville; and Leigh McCrudden, Gwynedd Valley.

This unique 4-H program, taught by Chris Jones, 4-H Program Assistant and 4-H leader, features good grooming, posture, modeling, make-up, poise, and how to present the "best you." The program has been modified for boys' participation, too, and has met with much success in a variety of Montgomery County public and parochial schools.

Winners named

LEBANON — The Cedar Crest FFA held its chapter tractor driving contest recently at the Lebanon Area Fair Grounds.

The contest consisted of driving a manure spreader through an obstacle course and backing it up into a stall, and backing a wagon from one stall to another.

The members that placed highest will participate during the week of the Lebanon Area Fair in August. The winners were 1st, Dale Zuck, 2nd, Mark Patches and 3rd, Scott Eckenrode with alternates Jeff Zuck and Greg Lentz.

The top three placings received $15, $10, and $5 respectively.

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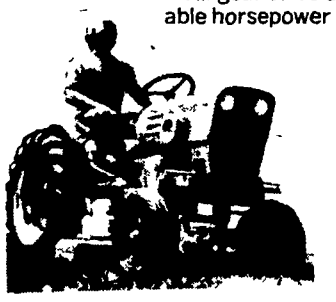

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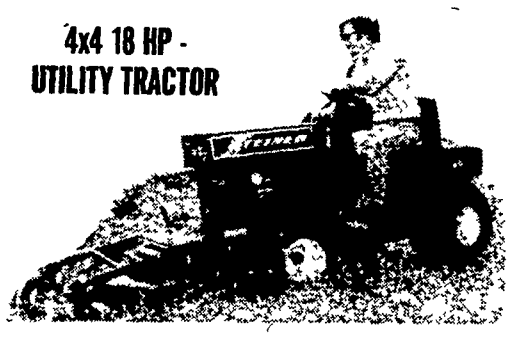

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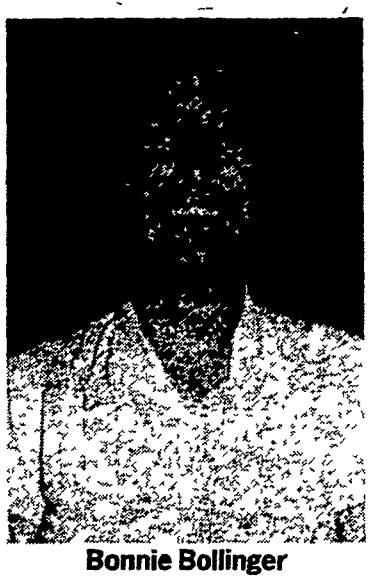
Four vie for dairy princess crown

LEBANON — Four young women will vie for the title of Lebanon County Dairy Princess, June 13 at 7:30 p.m., at the Lebanon Area Fairgrounds, here.

All contestants are the daughters of dairy farmers and are involved with helping on the family farm.

Beverly Burkholder, current county dairy princess, will crown her successor from among the following contestants: Bonnie Bollinger, R1, Fredericksburg; Brenda Lentz, Lebanon; Theresa Tyson, R2 Palmyra; and Joanne Weidman, 1818 Kenbrook Rd., Lebanon.



Bonnie Bollinger

Brenda Lentz

Theresa Tyson

Joanne Weidman

Miss Bollinger, 17, is the daughter of Mr. and Mrs. Galen Bollinger. She is a 1981 graduate of Northern Lebanon High School and plans to attend Millersville State College to major in computer science. While in high school, Bonnie was active in National Honor Society, band, chorus, Belron, Archive staff, and Bible club. She also is reporter for the Norlebco 4-H Dairy Club and a member of the Mt. Zion Road Church of the Brethren. At their Fredericksburg farm, the Bollinger's milk 130 head of Holstein cows.

Miss Lentz is the 16 year-old daughter of Mr. and Mrs. Robert Lentz. She will be a senior at Northern Lebanon High School. In addition to working on her parents' farm, Brenda is treasurer of the Mt. Zion Road Church of the Brethren Youth Group and a Home Economics assistant in school. She is a member of the Norlebco 4-H Dairy Club and is active in the 4-H exchange program. The Lentz's have a herd of 60 Holstein cows.

Miss Tyson, a 1981 graduate of Palmyra Area Sr. High School, is the daughter of Mr. and Mrs. Timothy Tyson. Cross country, basketball, track, band, newspaper and yearbook staff were some of her activities while in high school. Theresa, age 18, plans to attend Kutztown State College and major in communications. This Lebanon County dairy farm is the home of 72 Holstein cows.

Joanne Weidman, 17, will be a senior at Northern Lebanon High School. Her parents are Mr. and Mrs. Elwood Weidman. Joanne participates in cross country, track and National Honor Society in school along with being treasurer of the Norlebco 4-H Dairy Club. The Weidman's have 6 Holstein cows.

Judges for the event will be: Mr. Jay Howes, Legacy Holsteins, Warrior's Mark; Mrs. Betty Hudson, Home Economist, Reading; and Miss Joan McColloh, English instructor at Annville-Cleona High School.

Everyone is invited to share in this special "Dairy Month" event which will also include entertainment and refreshments featuring dairy products.

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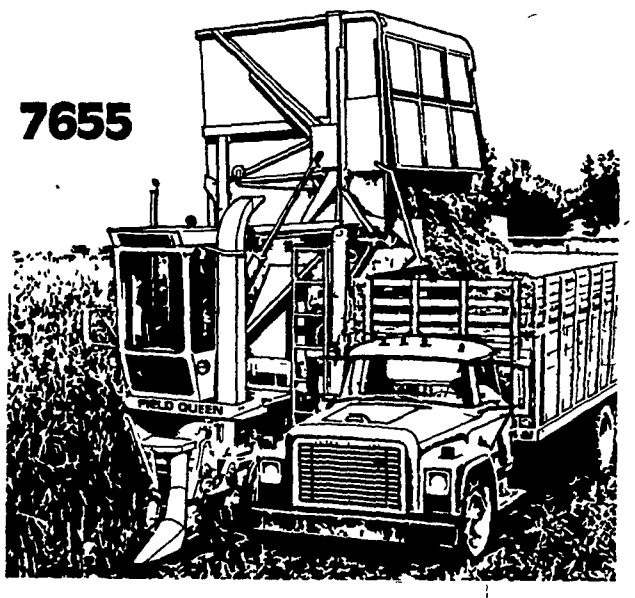

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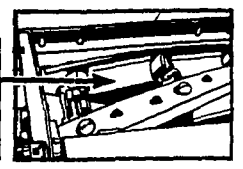

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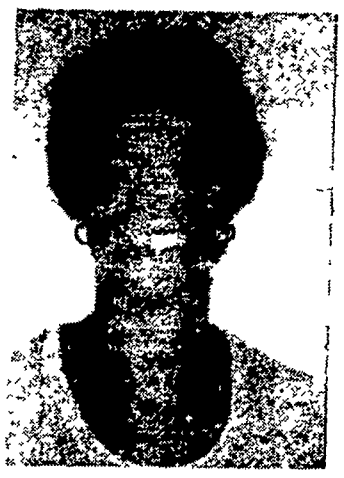

On being a farm wife -And other hazards

Joyce Bupp

June. Beautiful June.

Month of roses. Graduations. Strawberries. School vacations, swimming pool openings, new kittens coming out of hiding to play.

Month of brides. Lovely brides, radiant in flowing white tulle, lace, net, silk. Cascades of daisies and baby's breath. Mother's tears. Towering cakes of picture perfection, with garlands of sugar-sweet floral art and iced scallops. Tossed bouquets and blushing grooms. Flustered fathers.

Never again will I sit through such weddings without fond remembrances of that one ceremony in particular.

Candles glistened in the early evening darkness of the little church, where the service was moving smoothly to its climax.

Vows had been exchanged, and now the minister asked the couple to kneel for the blessing. Yards of snowy white train rustled as the bride gracefully knelt and the handsome bridegroom took his place beside her.

Usually we arrive at weddings at the last moment and take seats back in the rows of the far end of the church. This night, though, we'd arrived uncommonly early and had been ushered to prime seats on the second pew.

And thus it was that we had box seats to see the surprise wedding message.

As the groom dropped to his knees for the blessing, the soles of his black shoes turned upward toward the congregation.

Taped to the bottom of the groom's footwear, visible to the first few rows of the seated congregation, was this silent, but hilarious, plea: HELP ME.

Our young farmer friend had fallen victim to a practial joke from his wedding support crew, and the front section of the guests nearly fell victim to mass uncontrollable giggles.

"I expect to read about this in your column, "teased the groom as we later greeted the couple in the receiving line."

You got it.

Mike and Linda, this one's for you.

All our best wishes go out to this year's June wedding couples.

But please, just before you head out to walk up that aisle, bear this favorite dairy farm phrase in your mind:

Check your shoes.

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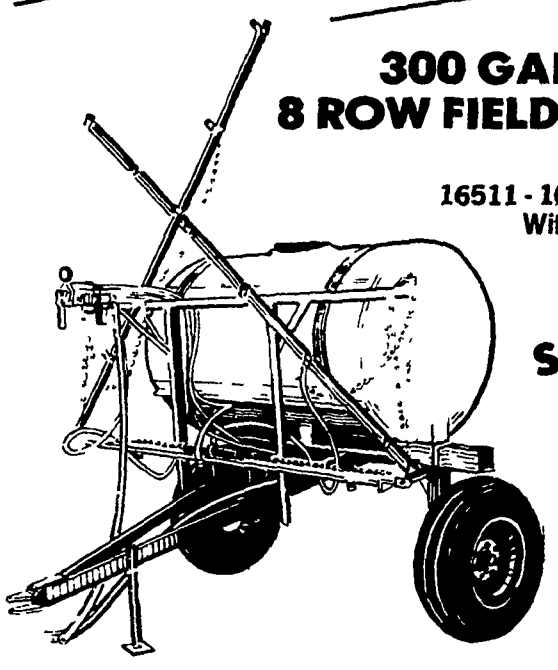

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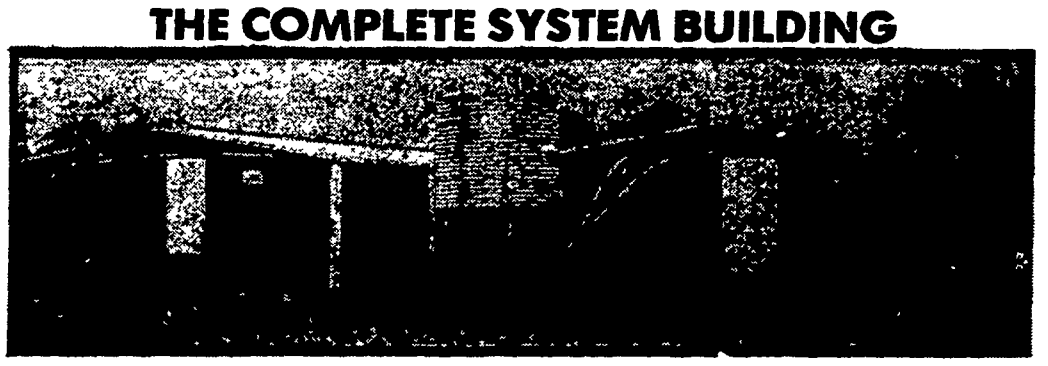

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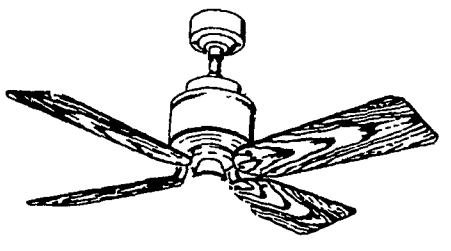

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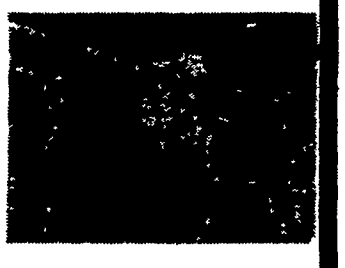

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Farm Women Societies

Lancaster Co.
Society 11

Lancaster Farm Women 11 met May 28 in Quarryville to entertain members form Society 1.

Roll call was answered by telling something memorable about mother.

Mrs. William Fisher, trust officer for the Hamilton Bank, gave a very informative talk on his work. He also showed slides.

Jeffrey O'Donnel from Solanco High School favored members with several selections on his oboe.

Lancaster Co.
Society 24

Farm Women 24 met at the Lancaster Farm and Home Center on May 27 at 7:30 p.m.

The group entertained Farm Women 14 and the county officers for a 25th Silver Tea event.

A buffet snack was enjoyed by 26 members and 34 guests.

President Joanne Smoker recognized the 10 charter members and 12 past presidents of Society 24 by presenting them with a glass bud vase of miniature carnations.

The charter members are: Leah Bushong, Anita Hess, Rhoda Hollinger, Ruth Hoober, Dorothy Mast, Mary Mellinger, Audrey Myer, Arlene Sauder, Marian Stoltzfus, Nancy Wenger; all attended the meeting.

Marian Stoltzfus, program chairman introduced the speaker, Mr. J. Carl Nolt of Landisville. He showed a slide presentation on "Miracles of Nature" with every season of the year displayed in beautiful color.

Next month's meeting will be held at the home of Rhoda Hollinger, Bareville at 7:30 p.m. when the program will be on "Aerobics."

Berks Co.
Society 7

Berks Farm Women 7 met for their May meeting at the home of Dorothy Stricker, Rl Robesonia.

Eleven members answered roll call by telling the household chore they dread the most.

June 7 has been slated as the Berks Heim picnic. Two persons are needed to sell hot dogs in the afternoon.

Craft night will be June 15 at 7:30 p.m. at the home of Lillian Grajewski.

October 27 has been set aside to celebrate the Society's 15th anniversary.

Following the meeting, members had a white elephant sale.

The June 24 meeting will be held at Kauffman's Ranch at 7:15 p.m.

York Co.
Society 12

York Farm Women 12 met recently at the Fiddler's Hall, near Brogue, for a plant sale.

Eighteen members and four visitors attended the meeting.

A reading, "How to know you're growing older" was presented by Mrs. Carl Bacon.

The next meeting will be held Tuesday, June 23, noon, at Long Level picnic grounds. A covered dish luncheon will be featured.

Lancaster Co.
Executive Board

The Executive Board of the Farm Women of Lancaster County met Tuesday, June 2 at the Lititz Brethren Church in Fellowship Hall.

Thirty-three society presidents answered present to roll call, telling how many of their members attended the Spring Rally at Carlisle.

There were 1178 Farm Women at the Spring Rally; 244 were from Lancaster County.

Farm Women Lancaster County picnic will be held August 4, noon, at the Lampeter Community Grounds.

The next Executive Board meeting will be August 4.

Farm Association schedules tour

SEVEN VALLEYS — A free farm tour will be held Saturday, June 20 here from 10 a.m. to 4 p.m.

The tour is being sponsored by the York County Farmers Association. The association's president, Jack Dehoff says, the tours purpose is, "to promote a better understanding between farmers and their urban neighbors."

Hay wagons will transport visitors to the four host farms: beginning with the farm of Nelson and Judy Brenneman, beef, dairy, sheep, and bees, Lester and Minerva Luckenbaugh, grains, Michael and Donna Lecrone, Orchard and chickens and Robert and Betty Miller, hogs.

In addition to the tour their will be farm displays, and entertainment provided by Rep. A. Caraville Foster and Sen. Ralph Hess. There will be crafts and farming demonstrations.

Farm youth will have fun farm games and a farm petting zoo available for children.

The food that will be available for the tour will be sold by the 4-H clubs of York County.

F.W.S. Calendar

Today, June 13
Lancaster Society 19 meets at the home of Blanche Miller at Hempfield Church of the Brethren.

Monday, June 15
Lancaster Society 31 meets to hear Josh Stroup.

Tuesday, June 16
Berks Society 6 meets at the home of Sue Koch for covered dish month

Wednesday, June 17
Lancaster Society 33 meets with Dorothy Nolt, teacher of early childhood education

Thursday, June 18
Lancaster Society 15 entertains Society 5 and 20 and the county officers

Saturday, June 20
Lancaster Society 3 meets with Ethel Gerhart for "Fun in the Sun"
Lancaster 18 visits the Choo Choo Barn and train museum

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

CHEESE TO PLEASE

Cheese of one kind or another is a universal food. It's made wherever animals are milked and produce more milk than people can use in fluid form.

Although no one knows exactly how cheesemaking began, one ancient legend credits it to the happy accident of an Arabian merchant. The merchant set out on a long day's journey across the desert and put his supply of milk into a pouch made of sheep's stomach.

The rennet in the lining of the pouch combined with the heat of the sun caused the milk to separate into curd and whey. At nightfall the merchant found that the whey satisfied his thirst while the cheese (curd) satisfied his hunger and had a delightful flavor. So, according to legend, began the making of one of our most useful foods.

To store cheese safely, you must keep it in the refrigerator. However, just as soon as it is chilled, cheese develops "refrigerator inertia,; losing some of its flavor and remarkable texture.

A 20-minute warm-up reactivates the flavor and texture, according to U.S Department of Agriculture cheese graders. June is Dairy Month so look for special features on cheese during the month in Lancaster Farming. Why not try one or two new cheeses!

When planning the family menu, remember cheese ranks as a top quality protein food - a nutritious alternate for meats.

Cheese Fondue

4 eggs well beaten
2 cups milk
2 cups soft bread crumbs
Salt to taste
¼ to ½ lb. cheese, sliced thin
1 tablespoon fat.

Beat eggs well. Mix milk, bread-crumbs, cheese, fat and salt. Stir this mixture into the beaten eggs. Pour into a well greased shallow pan and bake in a moderate oven for about 25 minutes or until set and lightly browned on top. Serve at once.

EXTENSION OFFICE IS RESOURCE FOR FAMILY HOUSING

A house is usually the biggest investment that most families make. It's always been a difficult decision to choose the right house for your family's needs. Today, with prices out of sight and mortgages at levels unimagined just a few years ago, that decision is more complicated than ever.

Where do you go to get sound, unbiased information on selecting a home and maintaining a home? If you live in Pennsylvania, your local county Cooperative Extension Service office has a wealth of resources, some available to you free or at low cost, others available as resources - you can use by visiting the county office.

Each county office in Pennsylvania has a Housing Resource Notebook, a four inch thick looseleaf, crammed with 50 publications on space planning, owner-built housing, renovating an old house, landscaping, zoning regulations and more. Solar, underground, townhouse, duplex, apartment, mobile home or traditional family dwelling - wherever you live or plan to live - the resources in the Housing Resource Notebook can help you.

Call or visit your county extension office soon.

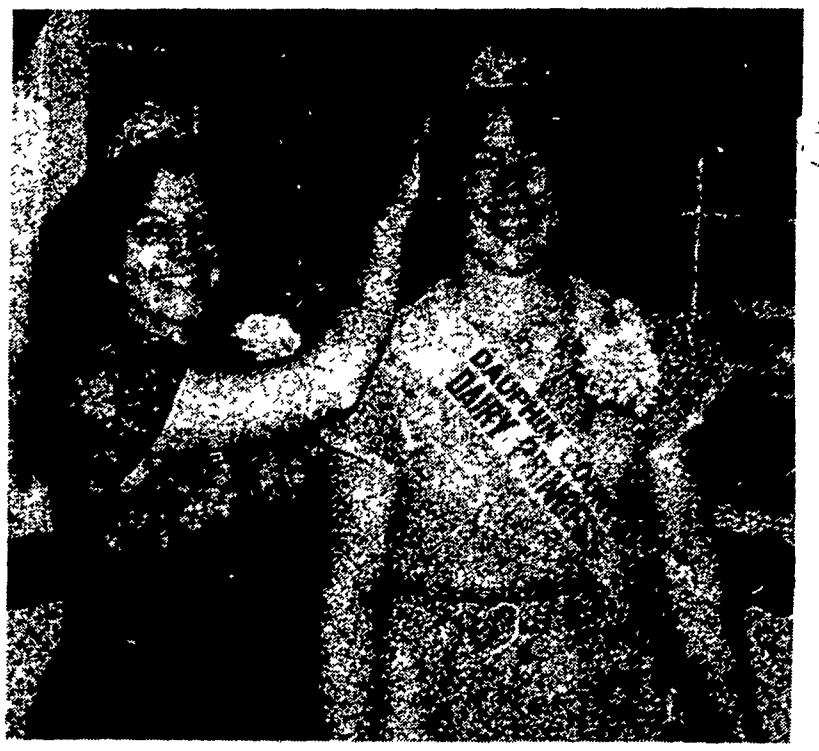
Ag Days continue

SCHUYLKILL HAVEN — The Schuylkill Haven County Commissioners proclaimed this week as Schuylkill County Agricultural Days.

To recognize this essential industry, Agricultural Days will continue this weekend at the Fairlane Village Mall. Various farm commodity displays are at the mall; commodity queens are giving out free samples of their product; and farm animals and live observation hives of honeybees are there to see.

The highlight of the festivities will be the crowning of a Schuylkill County Dairy Princess for the coming year at the mall tonight.

Although the county is known primarily for its mining, 20 percent of its 501,696 acres comprise 840 farms. The county farms produce agricultural products valued at more than $30 million annually.



Cindy Lupey, 1980 Dauphin County Dairy Princess crowns Tammy Yost, the 1981 Dauphin County Dairy Princess.

Dauphin Co. names dairy princess

HARRISBURG — Tammy Yost was selected as the 1981 Dauphin County Dairy Princess on May 28, at the Hanover Restaurant, here. Cindy Lupey, the 1980 Dauphin County Dairy Princess, crowned her successor.

Tammy resides near Hershey and owns several head of Holstein cattle. Her aged cow, Jarvin Apollo Etta, was the Grand Champion at the 1979 PA Junior Dairy Show.

Tammy is active in Dauphin County 4-H where she is president of the Lower Dauphin 4-H Dairy Club and secretary of the Dauphin County 4-H Exchange. She is also a member of the Lower Dauphin FFA, the 4-H Dairy Judging Team, and is a Junior Holstein member.

The coronation was planned by the county Milk Promotion Committee chaired by Mrs. John Cassel. The committee was assisted by Mrs. Pat Miller, Central Co-ordinator.

Also in attendance were three former Dauphin County Dairy Princesses. They were Mr. Joanne Pickel Stine, Marjie Hoffer Hartz, and Debra Cassel Leshak.

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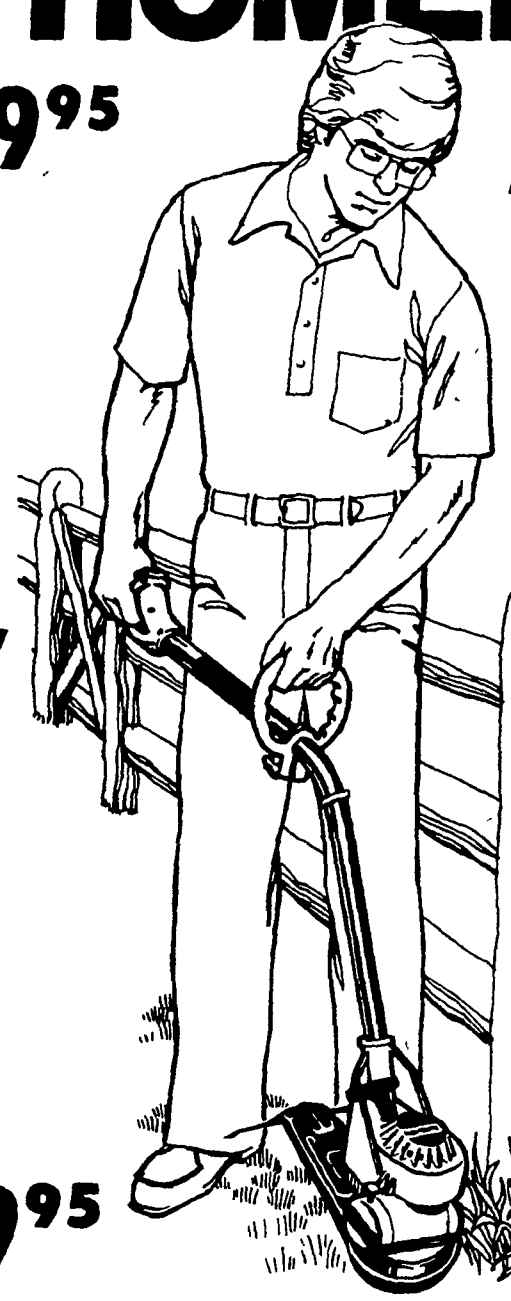

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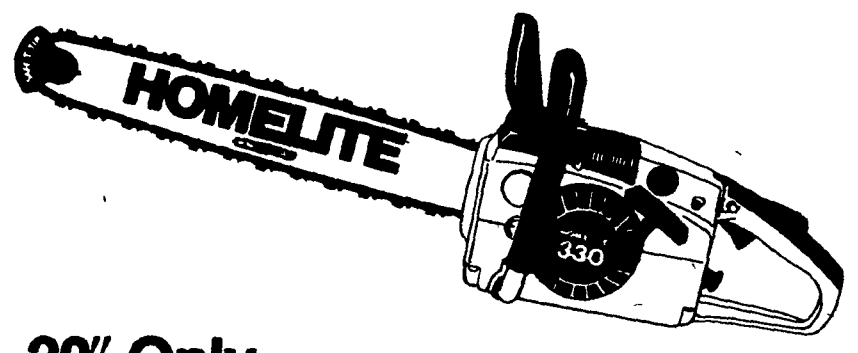

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LANCASTER — Windbreaks are created to control the effects of surface winds. "When planted across the direction of prevailing winds, they control drifting snow, conserve moisture, and protect crops, livestock, orchards, roads, and buildings", reports Charles Worrilow, Soil Conservationist in Chambersburg's office of the Soil Conservation Service.

"Windbreaks also beautify the area and provide valuable wildlife food and cover. Actual tests with two-story frame houses have shown that windbreaks offering protection from northerly and westerly winds can reduce fuel consumption by as much as 32 percent," says Worrilow.

Windbreaks may be single or multiple-row design, depending on the amount of space available. The height of the windbreak determines the distance of control on the leeward side. Effective control is usually obtained for a distance of 10-20 times the windbreak height.

For further information, contact the Soil Conservation Service office nearest you.

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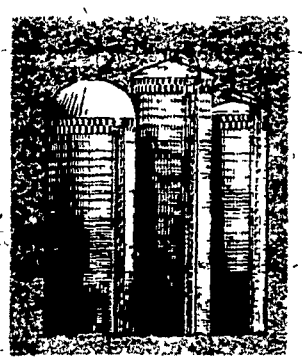

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Tree protection and utilization

Unseen borers kill trees from below

COLLEGE PARK, MD - It's not always the bugs you see on leaves that are damaging your shrubs and trees. Sometimes, a group of internally feeding insects – known collectively as borers — destruct from beneath the ground, working chiefly on the vital cambium, or "living bark" of trunk and root systems.

May and June are the months for borers to be active – and this is also the time to take control measures, says Dr. R. Lee Hellman, Extension insect specialist and associate professor of entomology at the University of Maryland.

Dr. Hellman reports that insect traps indicate an especially high number of lilac borers throughout the state this year. Sample counts also indicate fairly high populations of dogwood, peachtree and rhododendron borers.

Fruit and shade trees, as well as several kinds of ornamental shrubs, suffer severely as the borer larvae eat the succulent tissues of the swelling cambium layer.

The borer larvae emerge during May and June from eggs laid at the base of trees and shurbs. As they begin feeding, they are tiny white worms, about 1/16 of an inch long, with brown heads. They immediately begin tunneling through the bark to the trunk and root system. Mature larvae reach about one inch in length.

The borer larvae return to the outer bark surface in about three weeks to pupate and emerge as moths. Some species may produce more than one generation per year.

The adult borer is a clear wing moth, wasp-like in appearance. It is the larval stage, however, (when the borer is under the bark and unseen) – that this pest causes the most damage to shrubs and trees.

"If a tree or shrub looks unhealthy, check its base," recommends Dr. Hellman. Symptoms include small leaves, dead limbs or large areas dying out.

Signs of borer activity include loose bark, sawdust, or telltale tunnels and chambers under the loose bark. If you spot such evidence, cut or dig until the larvae are exposed.

It may be that the tree or shrub in question is beyond saving; but other plants in your yard may still be treated successfully. So check them, too. A preventive approach — before borer damage occurs — is really the most effective, the Maryland Extension specialist maintains.

Recommended insecticides for borer control vary with the type of plant to be treated. All such chemical materials should be sprayed or painted on trees or shrubs in accordance with label directions. Here are some examples:

—For dogwood borers, apply Thiodan (endosulfan) or lindane to the trunk in early May, early June and early July.

—For Lilac borers, apply Dursban, Thiodan or lindane on the bark, trunk, large branches and wounds at 3-week intervals from early April to early June.

—For peachtree borers, apply lindane from mid-May through mid-July, wetting the trunk and ground thoroughly.

Additional information on pest control in yards and gardens is available from county offices of the Cooperative Extension Service.

Carpenter bees are out in force

NEWARK, Del. — "This is the worst year for carpenter bees I've ever seen," says University of Delaware extension entomologist Frank Boys. These pests always become active in spring, but they are especially bad this year.

People are finding carpenter bees flying erratically near the eaves and gables of their homes. These bees tend to nest in porches, garages, shed ceilings, railings, roof overhangs and outdoor wooden furniture. Often the same nesting sites are used over again.

Carpenter bees are often mistaken for bumblebees, but there are differences. Like bumblebees, carpenter bees are large (one-half inch to an inch long), but bumblebees have black and yellow or black and orange body markings, while carpenter bees are entirely black and shiny.

Male carpenter bees are unable to sting, and the females rarely do. Still, that doesn't mean they are harmless. These bees damage wood rather than people. They don't eat the wood; they tunnel through to build homes in which to rear their young.

While a single carpenter bee can't do much damage, a number of bees are certain to cause considerable structural damage over a period of years. You know the situation is serious when you begin to notice a number of holes about half an inch in diameter in exposed wood trim.

Any wooden structure is fair game to carpenter bees, especially if the wood is old. The surest control method, of course, is to select alternative building materials such as aluminum or asphalt. Keeping wooden surfaces painted is also a deterrent to attack.

A five-percent Sevin dust directed into the nest opening side aids in control. Treat openings after dark on a cool evening when the bees are less active. A battery filler, plastic squeeze bottle, or other device can be used to apply the dust. If you are unable to reach the hole to apply dust, wasp and hornet aerosols – which project the spray several feet – are effective and easy to use.

Do not plug up holes! Allow the bees to pass freely through the gallery entrance. They will contact the dust and distribute it inside the tunnels. Also, the newly matured bees will contact the dust placed there. Holes can later be filled with plastic wood or caulked and then painted.

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June is dairy month

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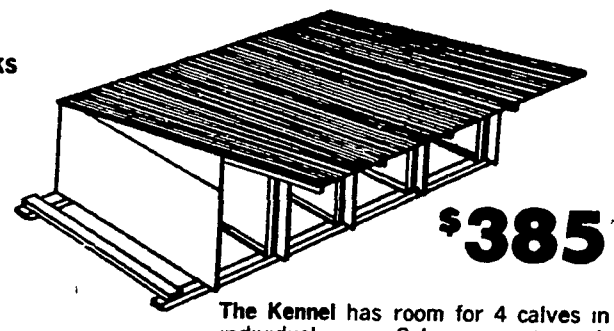

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Cumberland County to crown dairy princess

BIG SPRING — This year the Cumberland County Dairy Princess Pageant will feature a country-western theme, Wednesday, June 17, at 8 p.m. in the Big Spring High School Auditorium.

Vying for the title will be Vicki Basehore, 16, daughter of Mr. and Mrs. Paul J. Basehore, Mechanicsburg; Paula Hosfelt, 17, daughter of Mr. and Mrs. Paul L. Hosefelt, Shippensburg, and Cindy Witmer, 17, daughter of Mr. and Mrs. Daniel P. Witmer, Shippensburg. All the girls live on a dairy farm and are actively involved in the family farm operation.

Vicki will be a senior in the fall at Cumberland Valley High School. At school she is a member of the French Club and has served as secretary of the F.F.A. She holds many positions at the Trinity United Methodist Church in New Kingston, such as assistant choral director, member of the administrative board, youth choir and junior advisor for the youth group.

Paula has just completed her junior year at Big Spring High School. At school she is an honor student enrolled in the business curriculum and is also quite active in such sports as cross country, track, volleyball and soccer club. Some of her outside interests include the cooking and sewing 4-H program, member of Ladies Auxiliary of the South Newton Township Fire Company and playing the organ.

Vicki Basehore

Paula Hosfelt

Cindy Witmer

Cindy is also a member of the class of 1982 at Big Spring High School. She has been active in both the dairy 4-H and cooking and sewing 4-H programs. Some of her school activities include cheerleading, honor roll, and a member of Future Homemakers of America. Upon graduation, she plans to attend college.

For the fourteenth annual pageant, which is open to the public, the present Cumberland County Dairy Princess, Sharon Cornman, will crown her successor.

Master of Ceremonies will be Scott Smith, a salesman for Squire Appliances and the musical group "Chapter Seven" will provide the entertainment for this year's program. Door prizes will be awarded at intermission and following the contest dairy refreshments will be served in the high school cafeteria.

Judges for the pageant will be Cindy Zepp, an Adams County dairy farmer; Joe Dudick, Director of Public Affairs for Pennsylvania Rural Electric Assocation in Harrisburg; Lynn Tilton, Managing Editor of Pennsylvania Farmer.

PGC changes facility names

HARRISBURG — The Game Commission has changed the names of two of its facilities to more accurately reflect the nature of the installations.

The Game Commission facility at Lake Pymatuning in Crawford County has been changed to the Pymatuning Wildlife Management Area. Formerly, it had been called the Waterfowl Area, and prior to that, the Goose Management Area.

The former Wild Turkey Farm near Barbours, Lycoming County, has been renamed and is now designated at the Northcentral Game Farm. The facility is currently being converted to raise ringneck pheasants. When in full production by 1984-it's anticipated the farm will produce about 45,000 birds annually.

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Cash Flow to 12/31/81... $7803.07

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AGWAY

Be alert for maintenance frauds

Home repair schemes abound

LANCASTER — Each year consumers lose many hard-earned dollars to home repair frauds and schemes. Warm weather brings out the fly-by-night operators, says Delaware extension family living agent Mary Alice Morris.

Be wary if a traveling handyman claims he happens to be in the neighborhood and offers to give you a free estimate. He may come down off your roof with a handful of shingles and claim that your roof needs to be repaired.

If you do need roof repairs, contact a local roofer who has been recommended by someone you trust.

Also, don't be talked into repairs by a high-pressure salesman who promises to stop roof leaks by applying a roof coating.

Be careful of someone who says he's working in the area and has just enough materials to resurface your driveway. He may even offer you a bargain price. His materials and work may be slipshod or ineffective and may wash away with the first rain or stay sticky for weeks.

Be suspicious of anyone who stops at your home and offers an inspection or points out any repair problem. If you do need repairs, contact an established local person who can do the job well and who will still be around if any problems arise.

Fraudulent inspections cause concern

NEWARK, Del. — The State Department of Agriculture would like to call attention to several complaints received concerning unsolicited and fraudulent inspections by certain areas exterminators.

It appears that the exterminators involved are carrying termites, snakes and cockroaches into the homes they inspect. Upon emerging from the basement or crawl space, they reveal the apparent "pest" to the homeowner and for a fee, promise to rid them of the problem through chemical treatment.

Senior citizens are the most frequent victims of this rip-off and should be especially wary of these unsolicited visits. If anyone has information regarding this problem, please call your state Department of Agriculture.

Argentine visitors tour farms

HARRISBURG — Three dignitaries from the Argentina Embassy in Washington visited some farms in York and Adams county on Friday, June 5.

The three attaches were Saturino Cenborain, agriculture attache, Major General Aldo Barbuy, and Mrs. A. Bertorelli. Escorting the Argentine visitors were Gene Wingert, regional director of Department of Agriculture, and Matt O'Donnel, marketing service chief for the Department of Agriculture.

The farms that the Argentinan visitors went to included: The Ronald Harrison hog farm in Littlestown, the Jerry Rutter Hog Farm in Dover, both of these operations are farrow to finish. They also visited the Harrison Waybright Dairy farm in Stewartstown.

The Argentinans were primarily interested in visiting hog farms and making inquiries into possible future purchases of animals, according to O'Donnel. They were also interested in the methane converter in operation on the Waybright farm. In addition, they were interested in looking at dairy stock along with sows and boars. The attaches were also interested in how the farms were operated, so they could put this information to use in their own country.

Cedar Crest holds contest

LEBANON — Cedar Crest FFA members Richard Houser, Heidi Peiffer, Dave Ludwig, and Steve Wenger conducted this year's Food for America Program.

This program was presented to the Elementary Schools of the Cornwall-Lebanon School District. The purpose of the program is to teach the students where the food they eat comes from.

As part of the program, the FFA had a coloring book contest for these elementary children and the results of the contest are as follows:

Ebenezer School - David Bixler, Blake Wolfe, Todd Swisher, Eric Raiger, Jermy Good, Billy Brown, Justin Riddle, Lori Meade, Heather Bailey, and Denise Arnold.

South Lebanon School - Brett Murphy, Linda Boeshore, Brian Westhafer, Michael Ruhl, Jimmy Murray, Carie Weierbach, Sonya Ledger, Shelvadine Klepper, and Kathy Firestone.

Cornwall School - Stacie Bahstetter, Peter Siebert, and Rebekah Hosteter.

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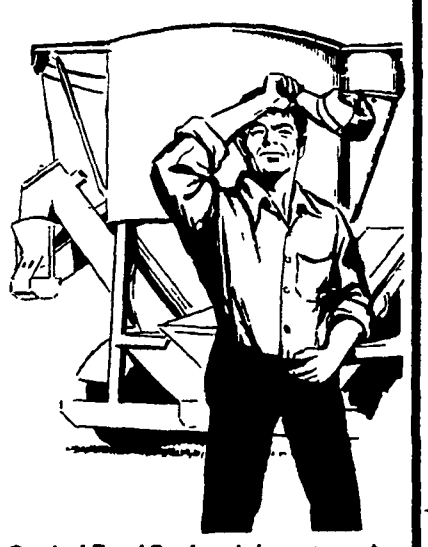

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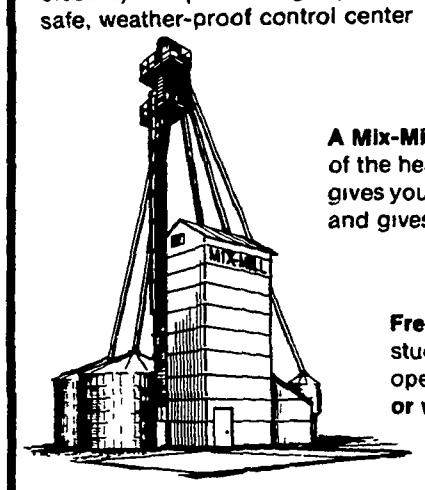

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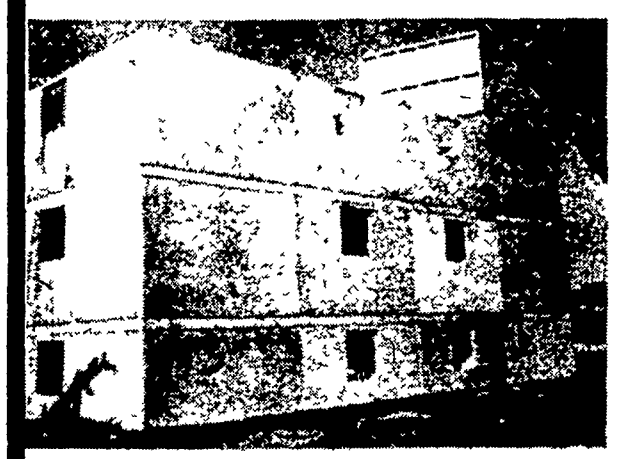

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Chester Co. Extension director named

WEST CHESTER — Trudy Dougherty, Chester County home economist on The Pennsylvania State University Cooperative Extension Service staff, was named County Extension Director on May 21.

In her new position she is responsible for coordinating the entire Extension program in Chester County including agriculture, family living, 4-H and community development. She succeeds Robert A. Powers who recently retired.

A native of Springfield, Delaware County, Miss Dougherty has been part of the Chester County Extension staff since 1973. Before joining the Extension Service she taught home economics at the junior and senior high school and college levels. She served as home economics department head in the Greater Egg Harbor Regional School District and supervised student teachers from Glassboro State College.

She received bachelor and master of science degrees in home economics from Drexel University, specializing in design and education.

In Chester County, Miss Dougherty has developed a strong family resource management program featuring money management workshops as well as family estate and pre-retirement seminars for county residents. She supervises seven part time home economics assistants who conduct home furnishings, clothing and heritage crafts seminars throughout the county.

She has managed the Expanded Foods and Education Program in Chester County since 1973. In this program, sponsored by the U.S. Department of Agriculture, Miss Dougherty directs the work of four

Trudy Dougherty

nutrition aides who assist families with limited incomes to make the best use of their resources.

She produces three regular newsletters, "Prime Time," "Textile Topics," and "Homemakers' Letter," all available on request, and in addition conducts child development, nutrition and home food preservation programs.

Miss Dougherty is active in both the Pennsylvania and National Associations of Extension Home Economists, currently serving on the National Exhibits Committee. She is also involved in the Pennsylvania and American Home Economics Associations serving on various committees at both levels. Locally, she belongs to the Philadelphia Electrical Women's Roundtable and the Chester County Nutrition Education Council.

Her offices are located in the Paul B. Dague Building at 235 West Market Street in West Chester.

Grange style winners announced

THURMONT, Md. — The Maryland State Grange Style Review was held May 23 at the Agricultural Center in Westminster, Maryland.

Miss Corlee Cutter, Howard County Extension Agent, and Miss Julia Ann Lockard, Baltimore County Extension Agent, were the judges. Edith Kilby of Calvert Grange was the narrator.

Louisa Hott, director of women's activities for Maryland State Grange announced the following winners:

Class A - Adult Class

1st Place, Rose Lechner; 2nd Place, Elaine Dodd; 3rd Place, Katheryn Naylor.

Class B - Teen Class

1st Place, Michele Zollichoffer; 2nd Place, Jill Davis; 3rd Place, Julia Garber.

Class C - Children's Class

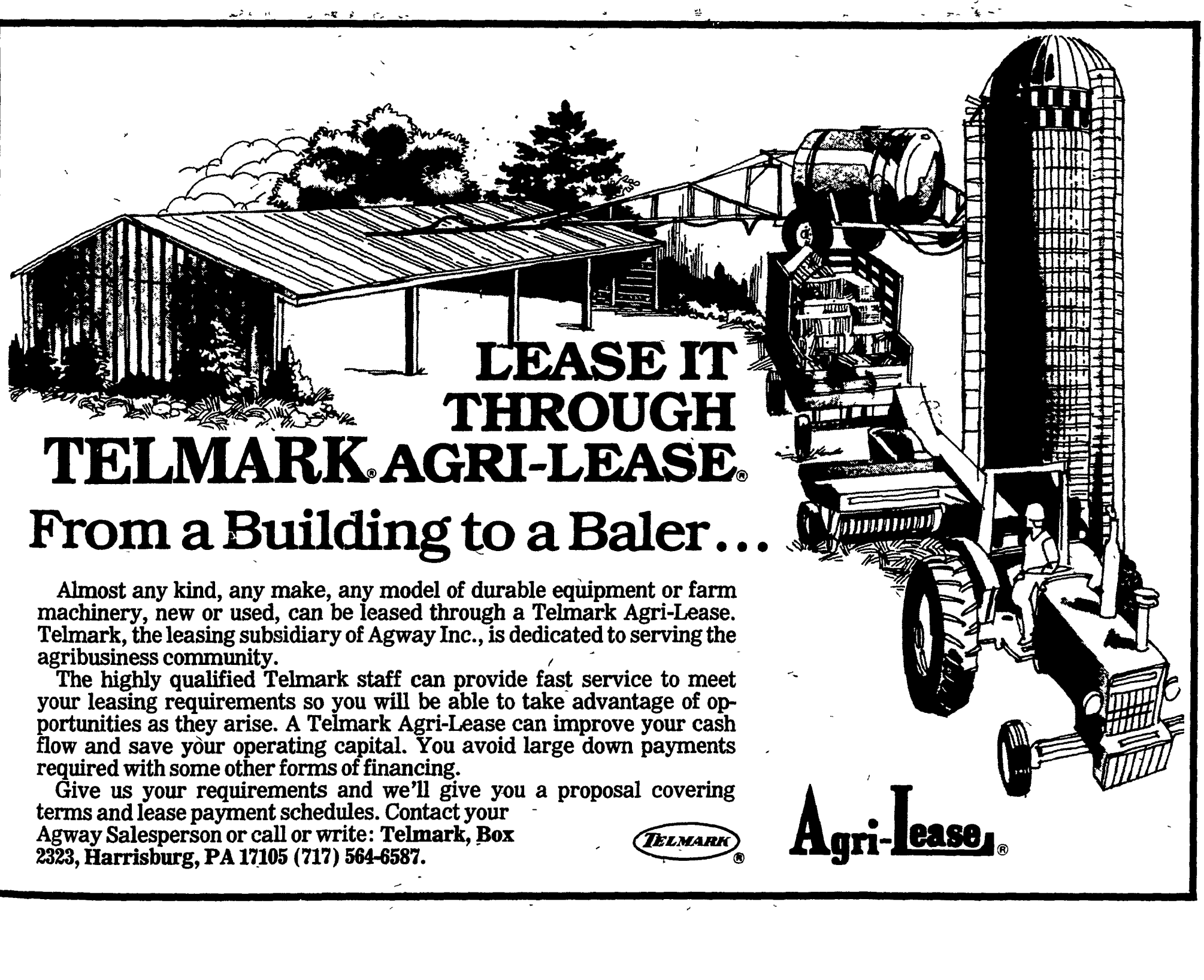
1st Place, Lois Fulton; 2nd Place, Joan Meise; 3rd Place, Dorothy Mann.

Class D - Boys and Girls

1st Place, Kendra Fanconi; 2nd Place, Susan Bowersox; 3rd Place, Janna Patterson.

Co-Sponsors of the contest were Simplicity Pattern Company, The Singer Company, La Mode & La Chic Buttons and Dritz Sewing Notions. First place winning garments will be sent to New York to be judged in National Competition.

The Maryland State Grange Sewing Contest winners are Kendra Fanconi, Laytonsville; Keith Fulton of Beltsville Grange; Michele Zollickoffer, Westminster; and Rose Lechner. Winning garments were sent to Simplicity Pattern Company in New York for the National Grange Sewing Competition.



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Child care deserves good pay

STATE COLLEGE — Are you among the increasing number of working mothers who has small children? If so, you probably have been faced with hiring good child care. Dr. James Van Horn, Extension family sociologist at Penn State, feels it is important to be aware of the laws that apply to the employment of child care-givers.

How much are you willing to pay for quality child care? Our children are extremely important to us, says Van Horn, yet the wages paid to care-givers either in our home or in another's home or center are often extremely low.

If you hire a babysitter to care for your children in your home on a regular basis, you may be required to pay that person the minimum wage ($3.35/hour). If your babysitter works for you and other parents more than 20 hours per week, if income from babysitting is your sitter's main source of support, or if the sitter spends more than 20 percent of her time in your home doing household chores as well as watching children, you are required by law to pay minimum wage.

This does not apply to teenagers working as sitters temporarily until they enter some other job, or to elderly persons who do not depend on sitting for their main income. But, if you employ someone who uses babysitting as a career, he or she is entitled to the minimum wage. The U.S. Department of Labor publishes a booklet that explains these rules: **Handy Reference Guide to the Fair Labor Standard Act (WH Publication 1282).**

If you pay more than $50 in 3 months to a sitter in your home you are considered an "employer". Therefore, you must pay Social Security taxes for your sitter. The booklet, **Child and Disabled Dependent Care** (Publication No. 503) from the IRS explains how to do this. Both you and your sitter need to contribute 6.65 percent of the wages. You do not need to pay Social Security for teenage children who sit for you, or, in most cases, for your mother and father. Your IRS office can give you more information on how to do this.

You may be entitled to a deduction on your federal income tax for child care expenses. If you pay someone to care for your child under 15 in your own home, in the provider's home, or in a day center or preschool, you may be able to deduct up to $400 of these expenses ($800 if you have more than one child under 15) from your income tax each year. You must be using child care in order to work or actively look for work. The IRS publication, **Child and Disabled Dependent Care** (No. 503) explains who is eligible for this deduction and how to claim it.

If you suspect that you may have been entitled to a deduction on your federal income tax during the 1977, 1978, or 1978 tax year you may file an amended tax return. Obtain more information on this from your IRS office or by calling their toll free number in your area: 800-242-0250 in Pittsburgh for telephones with area codes 412 and 814 and 800-462-4000 in Philadelphia for telephones with area codes 215 and 717.

If you employ a person in your home to give child care regularly, you should consult your insurance carrier. Your standard liability insurance may not be adequate to cover such a person in case of injury or accident.

July milk price set at $15.39

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine today announced a Class I milk price of $15.39 per hundredweight for July, 1981.

This price is down three cents from the June price but is 95 cents above the July, 1980 price. Order No. 4 prices are announced for milk testing 3.5 percent butterfat, f.o.b. plants located within 55 miles of Philadelphia, and also within 75 miles from the nearer of Washington or Baltimore. There is also a 6-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Shine announced a Class II milk price of $12.51 per hundredweight for May, 1981 and a butterfat differential of 16.9 cents for the month. The Class II milk price is down six cents from the previous month while the butterfat differential is unchanged.

These class prices are based on the May, 1981 Minnesota-Wisconsin manufacturing milk price of $12.61 per hundredweight adjusted to a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A Butter at Chicago for May was $1.4731 per pound and the nonfat dry milk price was $.9362 per pound, f.o.b. plants in the Chicago area.

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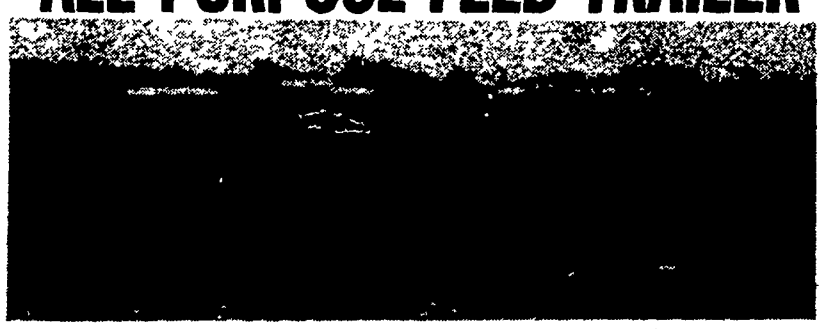
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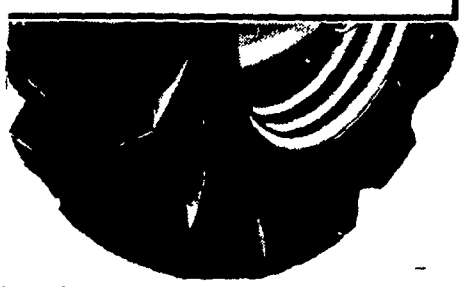
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'It depends' is best answer to question on hay timing

COLUMBIA, Mo. — Timing of hay harvest is a matter of trade-offs.

So Howell Wheaton, who prides himself in giving straight from-the-shoulder advice, always feels a bit uncomfortable when farmers ask him when they should cut hay.

"It's always a compromise between quality, quantity, lifestand and plant vigor," said the University of Missouri-Columbia Extension forage specialist.

"I can tell you what we recommend under ideal conditions—when plants are not under stress."

O.K., Howell, let's start there.

"Under these conditions, alfalfa should be cut in the bud to 1/10 bloom stage; red clover, 1/4 to 1/2 bloom; timothy, late boot; bromegrass, heads emerged; orchardgrass, past bloom; reed canarygrass, heads emerged; and tall fescue, boot stage."

But?

"But conditions are seldom ideal and the weatherman seldom cooperates. Besides, farmers' schedules are such as they can't get every acre harvested when they should," Wheaton said.

"All I can tell them is what happens as legumes and grasses grow, so they can make management decisions that suit their particular situation."

O.K., Howell, let's do it.

"First, some general information. Maturity of topgrowth is associated with storage of organic reserve materials in the roots and crowns. These are usually referred to as total available carbohydrates (TAC), and their major components are starch, sucrose, and reducing sugars.

"And it's the level of these carbohydrates in relation to the plant's environment that should determine when forages should be harvested."

Wheaton said the TAC content of alfalfa roots decreases as spring growth begins. When the tops produce more food than used for growth, TAC begins accumulating in the root and reaches a high level at near full bloom.

"Because digestibility and crude protein become lower and crude fiber increases as the alfalfa plant approaches full bloom, farmers have to compromise on when to harvest," Wheaton said.

"Under conditions of stress, it's best not to harvest a crop before the 1/10 to 1/2 bloom stage to avoid injury to the plant.

"Management of stands suffering from severe winter injury usually requires delaying the first harvest until it has reached the ½ to full bloom stage."

If farmers cut alfalfa too early, the stand won't last long. UMC research shows that alfalfa cannot be cut in the prebud stage and harvested every 35 to 45 days without damage to the alfalfa stand.

Not all legumes follow the same seasonal patterns as alfalfa, said Wheaton. For example, cutting height of birdsfoot trefoil is much more critical. Trefoil should not be cut or grazed so low during the summer as to remove all the leaves.

"Red clover has a TAC cycle similar to alfalfa but differs in two major aspects. It should not be harvested until it reaches ¼ to ½ bloom. It should not be allowed to go into full bloom during the early fall of the seedling year.

"Blooming causes a physiological change in the plant which makes it less winter hardy."

In the case of grasses, reserves and their role in regrowth is not as important as it is with legumes.

"The major management factor affecting rapidity of regrowth, gvigor and standlife of grasses is height of cutting," said Wheaton.

"For best results, minimum of a 4-inch stubble should be left with the tall grasses and two inches for the short growing species."

Tree farms observe birthdays

COLLEGE PARK, Md. — This is an anniversary year for certified tree farms, both nationally and in Maryland. The American Tree Farm System is 40 years old this month, while tree farming in the Old Line State has now reached its thirty-fifth birthday.

In honor of the occasion, Governor Harold R. Hughes proclaimed last week as Tree Farm Week in Maryland.

Maryland's first certified tree farm was a 200-acre tract established in 1946 near Welcome (Charles county). It is owned by the Galtfelter Pulp Wood Company of Spring Grove, Pa.

The state's first tree farm is now part of 54,830 acres of certified woodland acreage owned by Glatfelter and another large forest firm in southern Maryland and on the lower Eastern Shore.

In addition to these large holdings, there are 339 private woodland owners with 63,358 acres of certified tree farm acreage in the state reports John F. Kundt, Extension forestry specialist and associate professor of horticulture at the University of Maryland. Every Maryland county has at least one certified tree farm.

The state's certified tree farm numbers range from one each in Howard and Montgomery counties to 36 in Dorchester county and 39 in Garrett county. Carroll county has 19, while Allegany and Washington counties each have 18.

More than 41,000 private landowners in the United States manage 83 million acres under the American Tree Farm System; the numbers are increased steadily both at the national and state levels, says Kundt. He notes that at least 100 certified tree farms have been added to the Maryland list in the last seven years.

There is no direct financial incentive to qualify as a certified tree farmer, Kundt points out. Instead, the program is intended as recognition for private owners, with 10 acres or more of woodland, who manage their forest property in accordance with stipulated conservation and business management guidelines.

Certified tree farms are reinspected at least once every five years to make sure that the woodlands are still being developed properly. If not, they are dropped from the roster.

While forest industries are active supporters, the focus of the tree farm program these days is on privately owned non-industrial woodlands.

According to Kundt, these privately owned lands hold the key to a long-range increase of forest productivity needed to meet a projected doubling of domestic demand for wood and paper products in the next 50 years.

Tree farms are located in every state, although nearly 60 percent are found in the 13 southern states, including Maryland. Tree Farmers of the Year are selected at the state, regional and national levels. Maryland's winner for 1981 is Clarence W. Strickland, 94, of Snow Hill (Worcester county).

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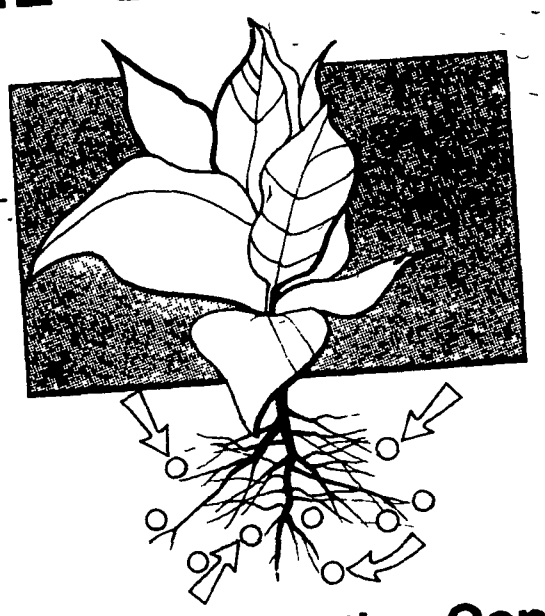

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Penn State plant scientist looks at peat for fuel

UNIVERSITY PARK — Peat bogs of the U.S. offer a source of energy that Europeans find competitive on a cost basis with other fossil fuels such as coal and natural gas.

This "young coal," as peat is often called, has been studied as an alternate to fossil fuels by John W. White of the Agricultural Experiment Station at Penn State. A plant scientist, he became involved with energy alternatives while testing and developing insulating materials for greenhouses.

"Russia exports oil, gas, and coal, and has no scarcity of these resources. At the same time, the Russians operate about 76 peat-fired electric power generating plants," White said recently.

"We can assume that using peat in Russian power plants must be more economical than bringing coal, oil, or gas into the areas of peat deposits," he commented.

Although virtually unexploited for power in the U.S., peat is the second largest source of energy in the nation, White noted. He claimed peat is used widely to generate electricity in Finland and Ireland, as well as Russia.

White has been recognized at Penn State for his ability to explore new areas of research. He serves a dual role as professor of Floriculture and as associate director of the Office of Industrial Research and Innovation.

Peat is found throughout the U.S., it was noted, but the largest supplies exist in Alaska (outside of the permafrost regions), Minnesota, Michigan, Florida, Wisconsin, Louisiana, North Carolina, Maine, and New York.

"Many of the peat-rich states have no significant supplies of other fossil fuels," White observed, adding that "countries such as Finland, Sweden, and Iceland have no other fossil fuels."

In its natural state, peat contains about 90 percent water. The water content can be reduced to 50 percent or less by drying peat for a few days. Peat harvested for power generation in Russia, Finland, and Iceland is burned at 35 to 55 percent moisture content.

Experiments are underway to use peat as fuel in the U.S. A study made for First Colony Farms of Creswell, North Carolina, examined large-scale peat harvesting for power generation. The results showed that it is technically and economically profitable to produce peat for fuel at 35 to 50 percent moisture with air drying.

White said the peat bogs of the U.S. contain some 53 million acres of this product. World peat resources are estimated to exceed the energy equivalent of 1800 billion barrels of oil.

Burning this fuel would not destroy peat sources used widely in the U.S. as soil conditioners in the field of horticulture. Peat is of three types, it was explained, and the kind used to improve soil—fibric peats formed from spagnum and other mosses—is not suited for fuel.

The most burnable type is hemic peat—formed from reeds, sedges, swamp plants, and trees. Such peat has a higher heating value than fibric peat. The third type is sapric peat. Thoroughly decomposed, sapric peat burns poorly in generating power.

The Penn State scientist cautions large-scale use of peat for fuel should be evaluated first for its effect upon the environment, as with development of any alternative energy source. For example, the harvesting plan should include control of surface and groundwater flow throughout a project area.

"Peatlands are wetlands. It may be desirable to preserve and protect such wetlands to preserve certain unique biological species," he stated, adding that "work must be done to identify such areas."

On the other hand, large-scale use of peat can improve productivity of land. Relatively few of the peatlands in the U.S. are productive today except for removing peat. Harvested peatlands can be used to grow some crops, Dr. White said, or can become wildlife habitats, lakes, ponds, and energy farms.

In Europe and Canada, harvested peatlands have been used successfully for farming. First Colony Farms in Creswell, North Carolina, mentioned earlier, have reclaimed harvested peatlands for agricultural uses.

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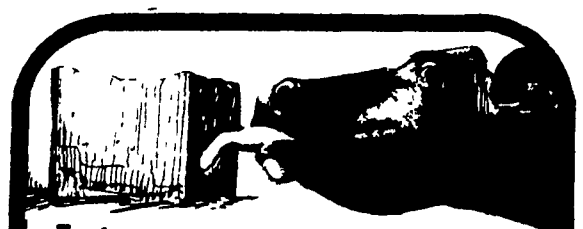

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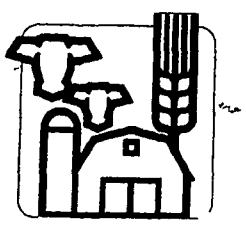

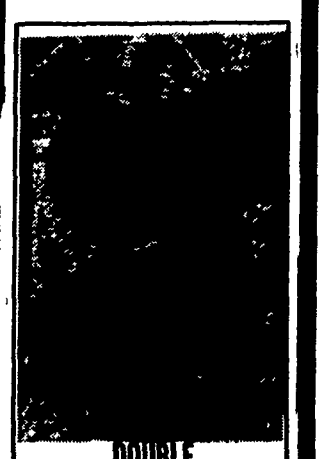

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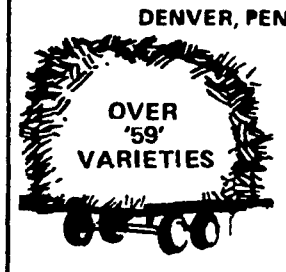

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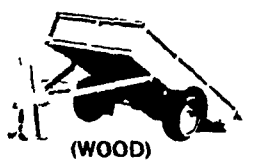
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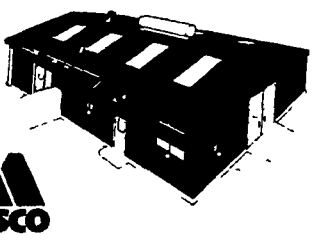

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Blevins festival a success

STEWARTSTOWN — "Famously," responded Mrs. Dorothy Blevins when asked about the strawberry festival, held on the Blevins Fruit Farm, last Saturday, turned out. This was the second year the festival was held at the farm.

The Blevins family holds the festival to "show off" their berry patch. They started concentrating on producing the best berries possible several years ago, noted Dorothy. According to daughter-in-law Nancy Blevins, a consultant was called in to help them with their mulching and weed control.

Strawberry jam and syrup were some of the products available at the strawberry festival.

This year the festival consisted of a variety of organizations with food stands most of which had something to do with strawberries. There were strawberry shortcakes, strawberry pies, strawberry candies and of course strawberry sundies. In addition to strawberry items, there were pork sandwiches, funnel cakes, and hot dogs with sauerkraut.

Crafts were a major part of the day's activities. A number of crafts were demonstrated including: weaving, pottery, leathercraft, china painting.

The children could enjoy the painting of clown faces, and a petting zoo and pony rides.

Tours of the Blevins' farm were also available. A haywagon took visitors to the festival around the farm. Once the wagons reached the strawberry patch, visitors were allowed to pick strawberries.

The Blevins farm is a 3 generation family run farm. It was started in 1930 with only 60 acres and today contains more than 1200 acres. They rented an additional 500. The Blevins farm has 400 acres of peaches, 150 acres of apples, 50 acres of sweet corn and 7 acres of strawberries.

In addition, they have sweet and sour cherries, nectarines, plums, pears, and a variety of vegetables.

Sign alerts visitors to Blevins' farm of the products available.

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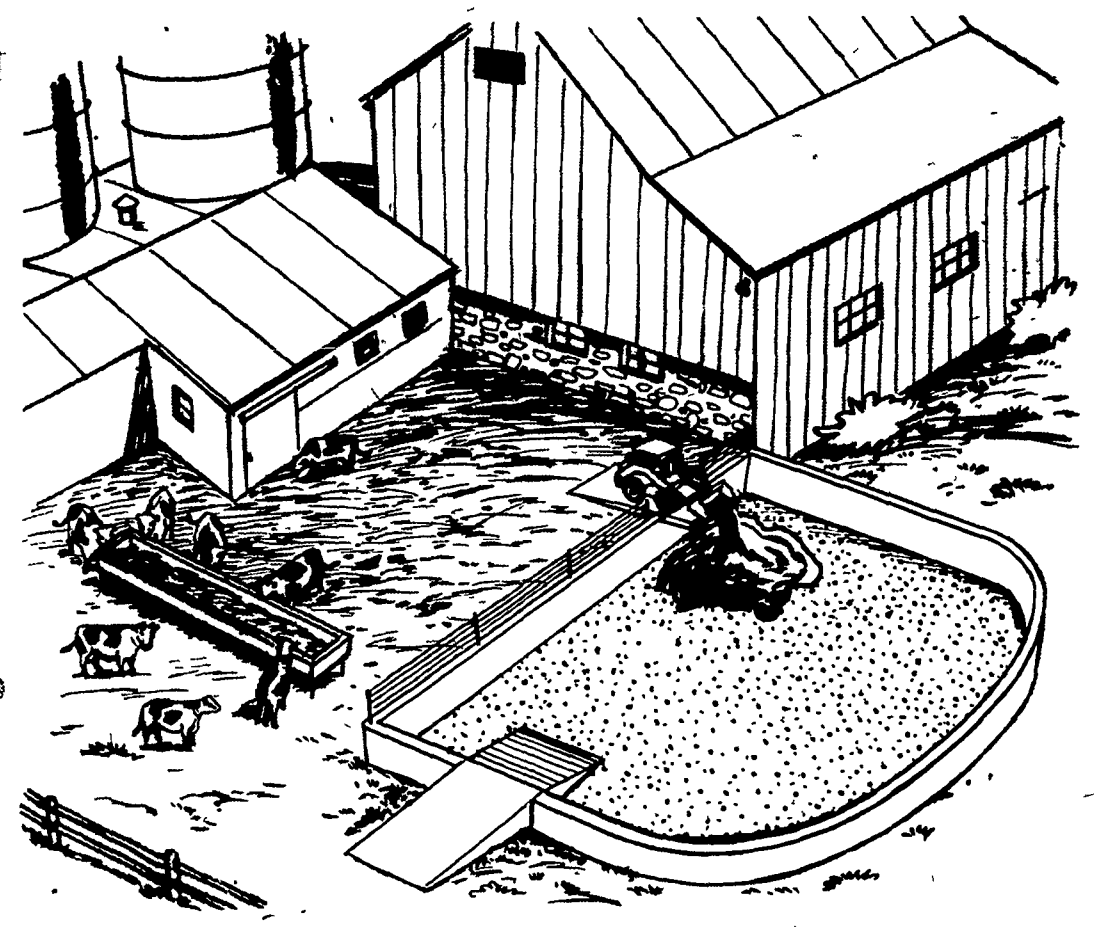

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Smith is new Penn State ag dean

UNIVERSITY PARK — Samuel H. Smith, Ph.D., professor and head of Penn State's Department of Plant Pathology, has been named dean of the College of Agriculture, effective July 1.

Smith, who succeeds the retiring Dean James M. Beattie, also will be director of Penn State's Agricultural Experiment Station and director of the Cooperative Extension Service.

"I am extremely pleased that Dr. Smith has agreed to accept this crucial and challenging position," John W. Oswald, president of the University, told the Board of Trustees, which approved the appointment.

"The new dean has proven himself an important scholar, as well as a bright and able administrator. His demonstrated concern for quality in research, education and the various service functions of his college will allow him to continue Penn State's long tradition of advancing the cause of agriculture in the state and nation."

Commenting on his appointment, Smith said: "I see this as a great opportunity to work with an extremely fine college and with an excellent faculty and staff. I intend for the college to continue its agricultural leadership in the nation through its programs in teaching, research and extension."

A native of Salinas California, Smith, 41, earned a bachelor's degree in plant pathology from the University of California at Berkeley in 1961. He received a doctorate in plant pathology from Berkeley in 1964 and studied as a North Atlantic Organization postdoctoral fellow at Glasshouse Crops Research Institute in Sussex, England, in 1964-65.

Samuel H. Smith

After four years on the Berkeley faculty, Smith joined Penn State in 1969 as associate professor of plant pathology in the Fruit Research Laboratory at Arendtsville, Adams Co. He came to University Park in 1971 and was promoted to full professor in 1974.

Since 1976, he has been head of the Department of Plant Pathology, and since 1978, he also has served as a U.S. Department of Agriculture plant pathologist.

Smith's research has centered on various aspects of plant virology, including location of sites and nucleic acid synthesis in virus-infected plant cells, physiology of resistance to plant viruses and virus-induced susceptibility to fungus infection.

He has published more than 100 research articles in scholarly and professional journals and has been an invited guest lecturer for numerous institutions and associations, including Cornell University, the University of California, Ohio State University, the American Phytopathological Society and North Carolina State University.

On the international level, he has taught at the Instituto Venezolano de Investigaciones Cientificas in Carcas, Venezuela, and has lectured in England, Scotland, the Netherlands, France, West Germany, Belgium, Italy, Switzerland and Mexico.

Smith also has been involved in extensive service activities both nationally and statewide. These have included work with the American Mushroom Institute, the Pennsylvania Fruit Tree Improvement Program, the American Association for the Advancement of Science, Pennsylvania Flower Growers, the State Horticultural Association of Pennsylvania and the American Type Culture Collection Plant Virus Committee.

He has worked as a consultant for various private firms.

Among Smith's professional memberships are the American Phytopathological Society, the American Association for the Advancement of Science, the American Institute of Biological Sciences, the Association of Applied Biologists and the British Federation of Plant Pathologists.

Smith and his wife Patricia live at R1, Boalsburg. A son, Samuel Jr., is a Penn State senior; a daughter, Linda, will enter the University this summer.

Extension news editor retires

UNIVERSITY PARK — Elwood Mintz, Extension news editor and assistant professor of Agricultural Extension at Penn State, will retire June 30 with 19 years of service.

During the past year, he served as revision editor of the "Disaster Handbook for Extension Agents," a U.S. Department of Agriculture project.

From 1962 until 1980, Mintz was primarily responsible for editing news packets for use by Extension agents and specialists to disseminate information on agricultural and related subjects through the press.

He was responsible for media relations for the annual joint meetings of the Pennsylvania Horticultural Association and Pennsylvania Vegetable Growers Association.

Mintz also carried out public relations efforts for the International Statisticians Census Seminar sponsored by the College of Agriculture Short Courses Office with federal and state agencies cooperating.

He assisted in newswriting in-service training programs for county and state Extension staff members.

A native of North Carolina, he earned a bachelor of arts degree from the University of North Carolina-Chapel Hill, and served three years in the Southwest Pacific during World War II.

Prior to being named to the Extension staff, the retiring editor served as a publications editor and feature writer with the North Carolina Cooperative Extension Service, and was publications editor at Virginia Polytechnic Institute for two years.

Mintz also taught in North Carolina's public school system and was an instructor for the North Carolina Department of Motor Vehicles.

In 1973 he attended summer school for Extension workers at Colorado State University, completing a course on Problems of Our Urban-Rural Fringe Areas.

He is a member of the Agricultural Communicators in Education, Epsilon Sigma Phi society, Pennsylvania Agricultural Safety Council, and Extension Professors Association.

He is married to the former Alene McLamb, of Roseboro, North Carolina, a staff member in the College of Agriculture Correspondence Course Office. Their daughter, Karen, a student at Old Dominion University, is married to David M. Hampton, a naval officer.

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George Plitt
Addison, N.Y.

Mr. Plitt: Here's the address you requested, Calvin L. Amoss, Old Bank Building, Taneytown, Maryland 21787.

★ ★ ★ ★ ★

I would like to know about kudzu. Would it grow in Pennsylvania? Is it bloat free and how does frost affect it

Roland Kamoda
Monongahela

Mr. Kamoda: Kudzu is a fast-growing perennial legume vine. It is propagated by cuttings.

It is a satisfactory feed for beef and dairy cattle, swine and sheep. It can also be made into silage, and it is essentially bloat free according to Dr. Dwight Swartz, Penn State Extension Veterinarian.

The plant itself is susceptible to frost damage. After it is frosted, the plant will dry up to nothing and be of little use as feed to cattle.

However, Dr. Swartz noted, kudzu is a plant pest. It will grow over trees and literally choke them from the light. He said that, for this reason, its feeding advantages only partially make up for the problems it will cause after it is planted.

★ ★ ★ ★ ★

My husband is interested in finding out when the big log show is put on in Potter County. Do you have a list of dates for this activity, the exact location, and if there is camping available?

Mrs. Herman Kempske
New Freedom

Mrs. Kempske: According to Ronald Gale of the Pennsylvania Bureau of Forestry, there is a woodsmen's carnival held every year in Potter County. It is held at Cherry Springs State Park, August 7-8.

The carnival begins on Friday evening and continues into Saturday. All of the contests are held on Saturday. It is sponsored by the Penn-York Lumbermen's Club.

There are, in addition to the contests, various exhibits on logging and saw milling.

Cherry Springs State Park is located 10 miles south of Galeton along Route 6. Camping is available in the park, according to Gale.

Penn State sponsors Horse Field Day

UNIVERSITY PARK — Management techniques and performance demonstrations will be highlighted at a Horse Field Day scheduled for July 18 on Penn State's main campus.

"The field day, to be held near the "Old Horse Barn" adjacent to the Penn State football stadium, will start at 10 a.m.," says James P. Gallagher, Extension animal scientist and field day chairman.

A clinic, entitled "The Sound Horse," will be conducted by Dr. Scott E. McAllister, equine veterinarian, of Centre Hall. This will be followed by a foot care and training demonstration led by Ward W. Studebaker, Jr., Penn State horse herdsman.

Following lunch, Abraham Allebach, of Spring Mills, will conduct a four-horse hitch demonstration. Allebach's prize-winning draft horses have competed in numerous state and northeastern United States shows.

John Greenall, of New Tripoli, will bring his Morgan horses to the University Park Campus for a pleasure driving demonstration during the afternoon of the field day.

All those attending will have an opportunity to take part in a "Match the Foal" Contest where Quarter Horse mares and foals will be separated, then contestants will attempt to determine the offspring of each mare.

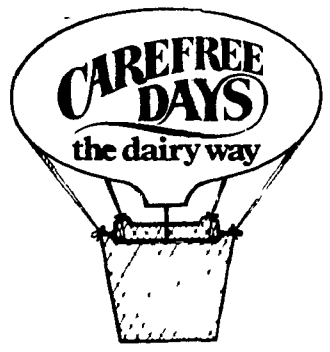
The Horse Field Day is sponsored by the Penn State Department of Dairy and Animal Science.

Insect control in the bag

YORK — The gypsy moth caterpillars will be finishing their damage within the next few weeks. According to Neil T. Jones, York County Agriculture Extension Agent, spraying for gypsy moth caterpillars will not accomplish much more this year.

There is another pest that everyone should be watching out for. The bagworm, which is a perennial pest of evergreens such as arborvitae, juniper, spruce, and pine. These worms live in an oblong bag to protect themselves, this makes control difficult.

Now is the best time to check your evergreens for bagworms. The bags may be pulled off and destroyed by hand. Bagworms are not easy to control by sprays, says Jones. He recommends two sprays 10 days apart during June when the caterpillars are small. Sevin and Diazinon are two of the spray materials that can be used for bagworm control.



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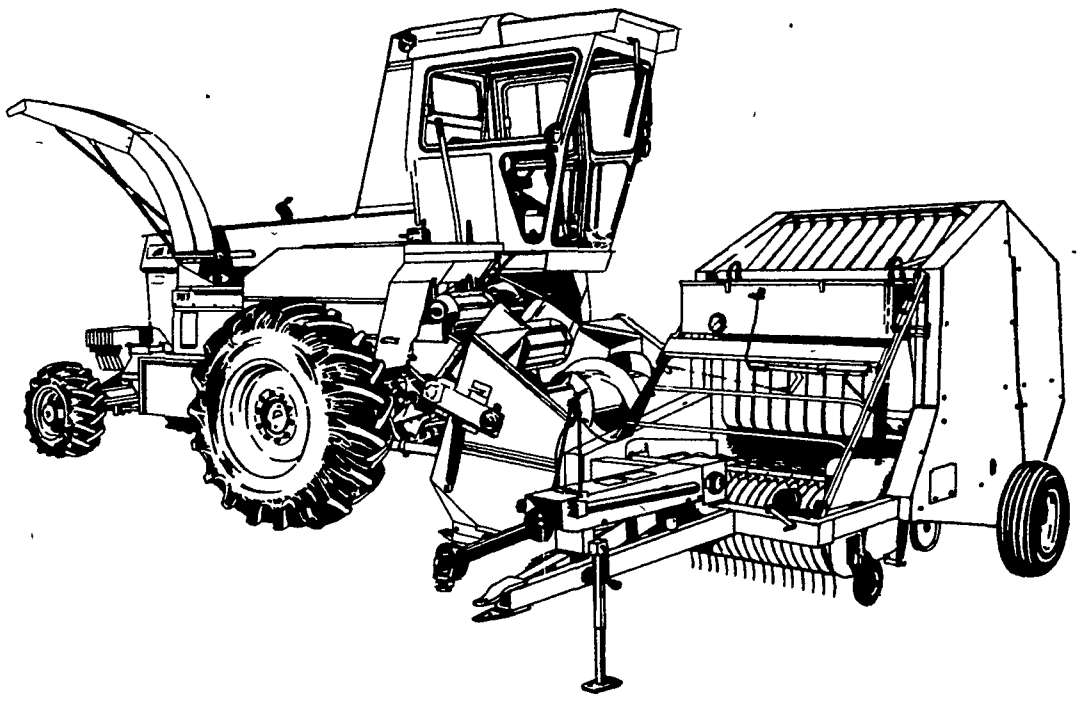

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Ask the VMD

Leon Riegel — Synthea Maas — Tim Trayer — Edgar Sheaffer

Mange and Lice Control

A reader asks:

Is there anything new on the market for mange and lice control? It always seems what worked last year doesn't do the job this year.

Dr. Trayer Comments:

Probably the biggest fault of any mange or lice program is the lack of follow-up. Often times the producer will treat the animals once and then consider the problem to be under control. However, when looking at the life cycle of the parasite one has to realize there is a 21 to 35 day period between the egg and the adult female's egg production. One treatment will kill the adults, but 30 days later the problem begins all over again.

If you are a seasonal producer, a once a year treatment may seem to clear up the problem because you are not handling the hogs as often. Therefore, the problem goes unnoticed. Lice and mange control is a real problem for swine producers. It should be controlled or eliminated from your herd if possible. The problem is likely to cost you 10 to 20 percent in feed consumption on your finishing floor. It is also a problem with the breeding stock as it can lower the blood iron content thereby making the offspring less healthy.

I have found a product called linspray, primarily lindane which is emulsified and then sprayed on the animal, to work fairly well. However, it must be used in the proper dosage and used in the proper rotational time interval. It should be sprayed once, and two weeks later sprayed again.

When we speak of lice, they are external parasites **haematopo suis** that can be seen with the naked eye usually behind the ear or somewhere on the warmer parts of the body in the winter.

The other external parasite most commonly recognized in the United States is the mange mite, **sarcopes scabiei**, which is microscopic and can be noticed only by the effects it has on the animal. As the mite burrows between the layers of the skin it makes a tunnel. The animal then begins a drastic and constant scratching to try to stop the migration of the mite. As the animal scratches he wastes energy and does not eat which creates a serious problem.

There are also blood sucking species and the loss of blood will predispose the animal to anemia and can cause low blood iron levels particularly in breeding stock. Death is rare, yet, there may be a severe loss of protein or the deletion of iron. The infestation may migrate down through the ear drum and cause an infection which will then migrate into the brain and cause the hog to circle.

In general lice are visible to the naked eye and are diagnosed easily; while the mites are harder to see and can best be diagnosed by the scratching, head shaking, or ear biting done by the animal.

Once the problem is identified you have three choices. One is to ignore the problem and live with it. Two, is to try and control it with the insecticides that are available. It has been reported, but never proven that there can be a resistance built up to certain chemicals. The third choice is depopulation and repopulation, with breeding stock that are free of lice and mange.

If you are really serious about controlling lice and mange, one solution is to build a well-constructed dipping vat. Make sure it is deep and long enough to completely submerge the animal. Tanks are probably the easiest and most successful method of making sure the animal is completely treated with insecticide. For more information on tanks contact me (Dr. Trayer), your extension agent or an equipment dealer.

Insecticides may also be sprayed on the animals. However, caution should be used so you protect yourself and make sure that the animal is completely covered with insecticide especially in the ear canal.

Be sure to read the instructions on the chemicals. One particular chemical, toxaphane, can cause neurological problems if applied at the wrong time. My preference as previously mentioned is linspray.

The third option of depopulation and repopulation, should only be used in extreme cases. Many swine producers can verify that their herds have never had these problems and these hogs are called

(Turn to Page D3)

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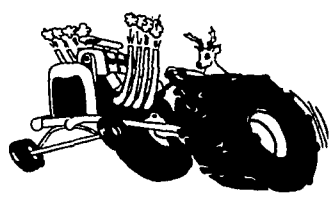

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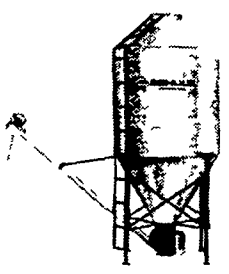

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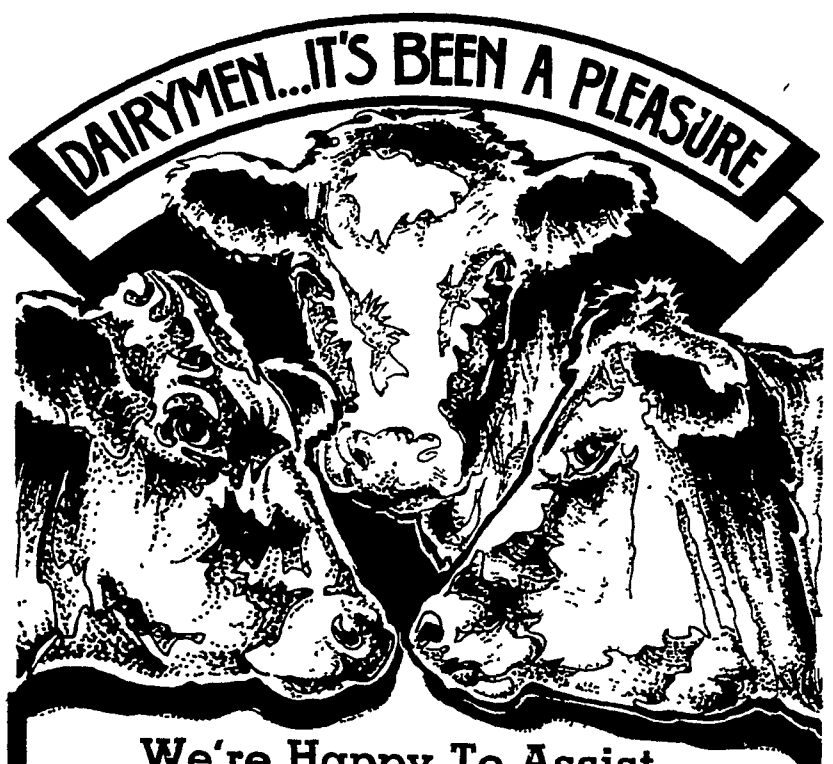

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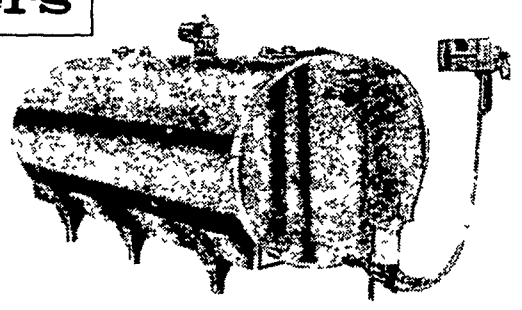

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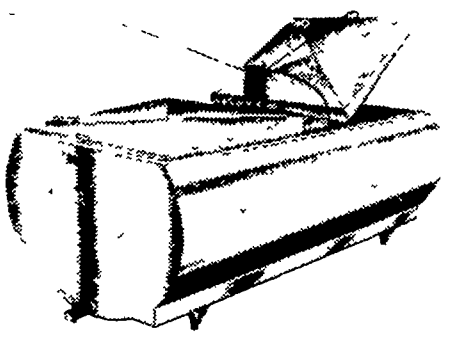

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Game Commission announces 1981-82 hunting seasons

HARRISBURG — Traditional four-week seasons for fall archery deer and regular small game hunting, plus the two-week buck season and a two-day antlerless deer hunt, highlight hunting and trapping seasons and bag limits established this week by the Game Commission.

This year's fall archery deer season will open on Saturday, October 3; the early small game season will start on Saturday, october 17; and the four-week general small game season will begin on Saturday, October 31.

The regular two-week antlered deer season will open on Monday, November 30; the two-day statewide antlerless deer season will be held on Monday and Tuesday, December 14 and 15; and the winter small game and archery and flintlock deer seasons will begin on December 26.

One day for hunting bears has been scheduled for Monday, November 23, in 32 counties.

The general trapping season opens November 4 and will close January 31, while the mink and muskrat season runs from November 26 through December 13. The beaver trapping season opens February 13 and closes March 14.

There will be no open season on bobwhite quail this year, the first closure on these birds since 1953. Depressed populations of bobwhites, due to recent hard winters and decreasing quail habitat, led to the closed season.

It is hoped that the closed season on quail will permit the bird to increase in numbers where habitat is adequate. This might also permit launching a trap-and-transfer program to establish additional populations.

Three new turkey management areas have been established for the state this year. A three-week season has been scheduled for Turkey Management Area No. 1, which is the primary range in the northcentral part of Pennsylvania. The area is slightly smaller than the section which traditionally has had longer seasons.

Turkey Management Area No. 2 is roughly Y-shaped and includes southcentral Pennsylvania, the northeastern part of the state and a fair-sized section of west-central Pennsylvania. Turkey Management Area No 3 includes the southeastern and western parts of the state.

A two-week turkey season is scheduled for Turkey Management Areas No. 2 and 3. There will be no fall turkey hunting in those parts of Erie and Mercer Counties in Turkey Management Area No. 3.

The 451,250 antlerless deer licenses proposed earlier have been authorized for issuance. It is hoped that this allocation will result in a reported antlerless deer harvest of about 65,000 whitetails.

An any-deer season (for those who hold antlerless deer licenses) has been established for Allegheny County and the Special Regulations Area in southeastern Pennsylvania. That season will run from November 30 through December 15.

The Game Commission has reserved the right to extend the fall turkey, the anterless deer and the beaver seasons.

Ask the VMD

(Continued from Page D2)

SPF (specific pathogen free). They are guaranteed to be free of both lice and mange.

Before repopulating wait three weeks, clean and disinfect all barns.

If you are going through with depopulation, it is a good time to consult with a veterinarian or someone so that needed changes can be done. This way a good program can be established and everything will be up to snuff for good 1980's swine production.

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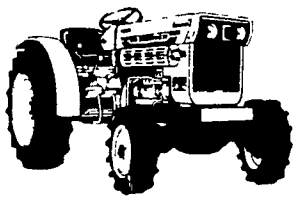

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VPI young stock barn pleases Lebanon dairyman

BY SHEILA MILLER

NEWMANSTOWN — Ever since Extension Agent Newton Bair advised John Oberholtzer that his old limestone barn (built before the American Revolutionary War) should come down, the Lebanon County dairy farmer has been planning his new heifer barn. And, this April, his ideas materialized in the form of a modern Virginia Polytechic Institute design.

Oberholtzer confesses his idea for the barn was not an original, for he had seen one built last fall on a farm near Kleinfeltersville.

"The beauty part of this barn is the ventilation and the fact that not a lot of bedding has to be used," says Oberholtzer in describing his latest building addition. "I'm really pleased."

The open-fronted building is designed to allow the sun to shine into the heifer pens — the painted tin roof is pitched toward the back. The back wall, constructed out of regular saw lumber, features ventilation panels that can be opened or closed using a manual winch.

The floor of each pen is sloped from back to front to allow urine and any water to drain to a central alley between the barn and feed bunk. And, each pen is equipped with a heated, automatic waterer.

A roof covering the feed bunk is also pitched, and allows any rain water to run off on the outside of the building area, keeping excess water out of the alley way where manure collects. The alley is also on grade so that the manure can drain to a pit located at the end of the building.

One of the features of the feed bunk that Oberholtzer says he is well pleased with is the convertible head gates that double as feed trough bars. He has two sizes — one for small calves on the upper end and ones for bigger heifers and cows at the other end of the trough. Oberholtzer claims he can't beat the way he can "take a calf fast" now to tag, dehorn, and vaccinate, where before handling even a small calf was quite a job.

Oberholtzer recalls how the barn was built by a four-man carpenter crew in a matter of 10 days.

"It went up fast," he says, pointing out the carpenter, J Elvin Horst, of Newmanstown took pride in his work.

Reviewing the building expenses Oberholtzer says the cost for concrete, cement block, sand, and mortar came to about $2,200, with both the treated and saw lumber costing just over $3,300. Roofing, siding, trim and hardware for the bunk and barn came to about $1,700 with labor amounting to just over $2,300.

Oberholtzer says the new barn will hold as many head as his old bank barn, with 7 or 8 heifers per pen. The particular barn design he followed called for six pens.

"You don't want to crowd the animals," Oberholtzer points out, "or you're defeating what you're after in the first place. When you put too many in a pen, they'll be stunted and you could wind up with pneumonia.

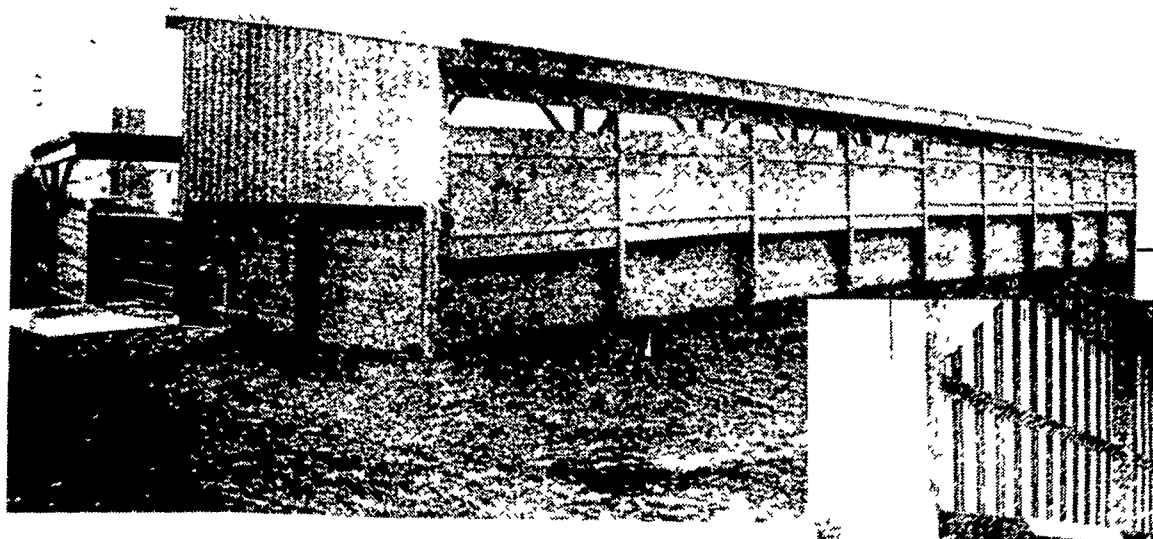
According to Oberholtzer, there's nothing better to raise healthy calves than fresh air and sunshine.

"When I first saw the building", he recalls, "I thought it looked sloppy, but all the cattle looked good and healthy. Then, I wouldn't have given a nickel for the barn, but I kept watching the calves grow without any trouble. So, I decided to build one. It's the most economical and healthiest building you can put up for the cost."

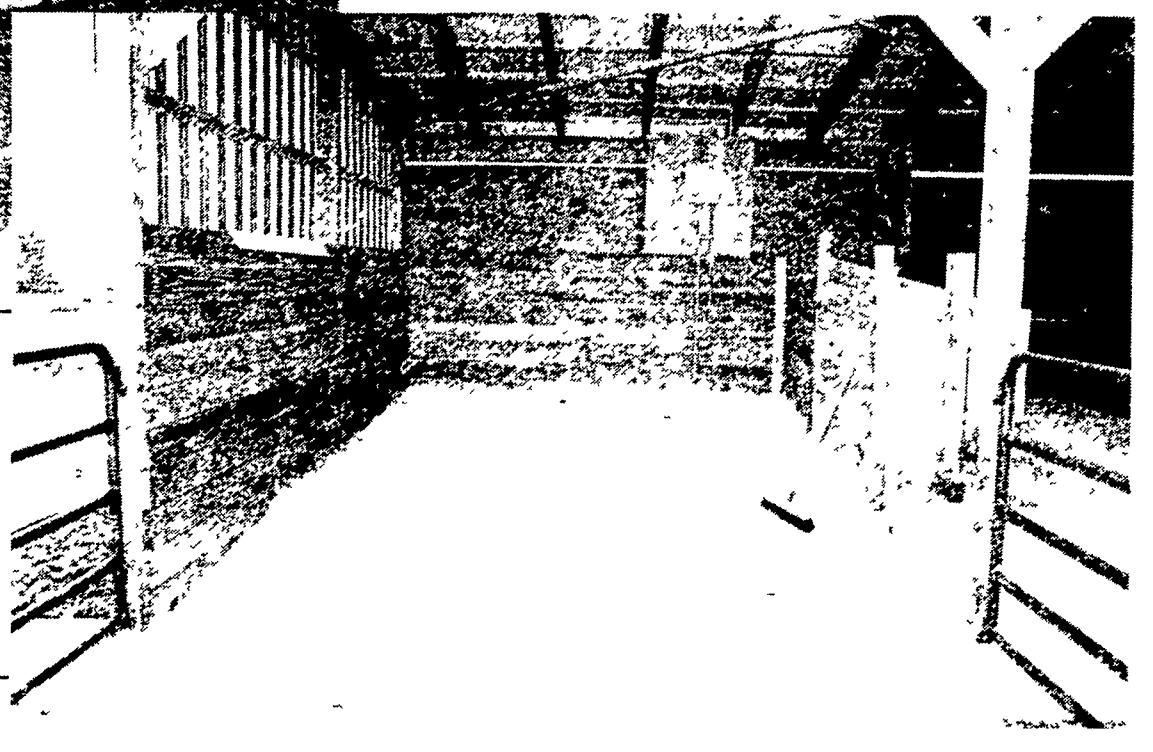
See design plans on page D6

Scrapings are pushed off the center aisle into this 14' x 16' manure pit. A grooved concrete ramp leads down onto the poured concrete floor. The sidewalls are concrete blocks — four high. John Oberholtzer, Newmanstown, who designed the pit himself, says it is not to be used for long-term storage — manure will be hauled right away.

The end pens are equipped with hardware that converts into head gates which makes tagging, dehorning, vaccinating, and breeding the heifers an easier task. Oberholtzer stresses the trough width be made to allow the small calves reach the feed.

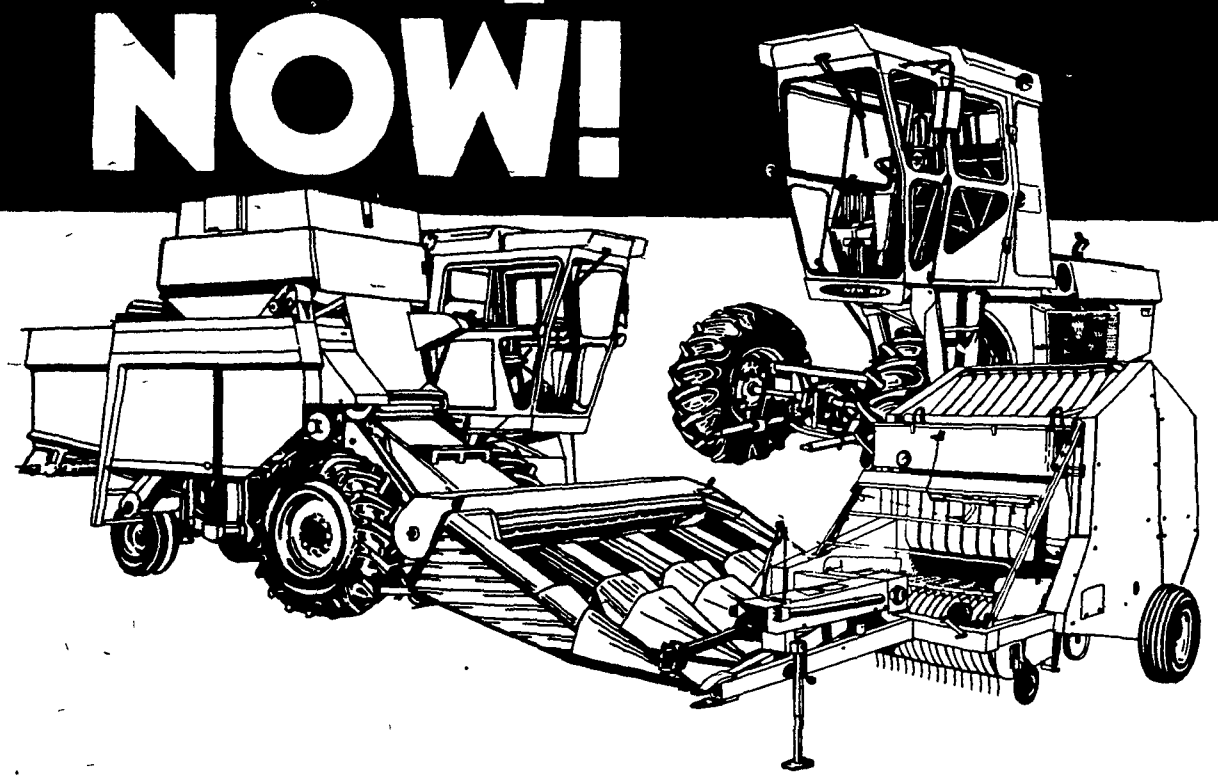


A hand-winch lowers four wooden panels at the backside of the stalls to allow good ventilation. Says Oberholtzer, he opens them according to the weather — if it's cold and damp, the panels are closed to prevent any drafts over the heifers.



Each of the six pens has a sloping floor which allows urine and water to drain to the central aisle. Oberholtzer points out the stalls should be bedded with peanut shells, sawdust, or finestraw. Baled straw, he emphasizes won't work down.

lease your equipment NOW!



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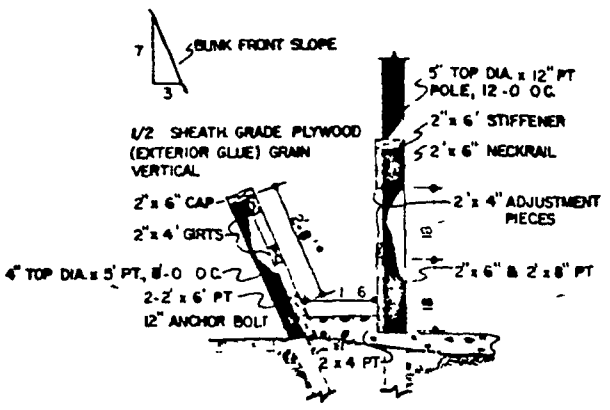
AREA OF ANIMAL USE	NUMBER OF HEAD PER 12' PEN		
	12*	15*	18
	AVAILABLE ANIMAL AREA FT²/HD.		
RESTING SHELTER[1]	17.8	14.3	11.9
FEEDING SLAB	7.8	6.2	5.2
TOTAL SLOPED FLOOR	25.6	20.5	17.1
LITTER ALLEY	8.8	7.0	5.8
TOTAL ANIMAL AREA[2]	34.4	27.5	22.9
	AVAILABLE FEEDING SPACE IN/HD		
FEED BUNK	11.5	9.2	7.7

*POPULATIONS OF 12 TO 15 HEAD PER PEN, DEPENDING ON ANIMAL SIZE, ARE RECOMMENDED.
[1]DOES NOT INCLUDE FEED BUNK ROOF SHELTER
[2]TOTAL ANIMAL AREA IS 68% ROOFED



*PLYWOOD BUNK LINER CUT IN 2 8' LENGTHS FROM STANDARD SHEET (3 PIECES PER SHEET)

BUNK DETAIL

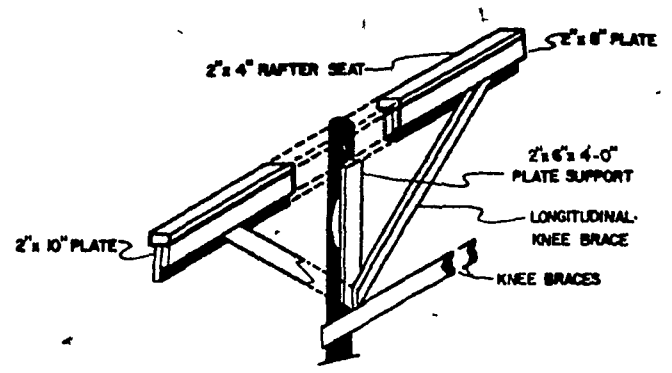
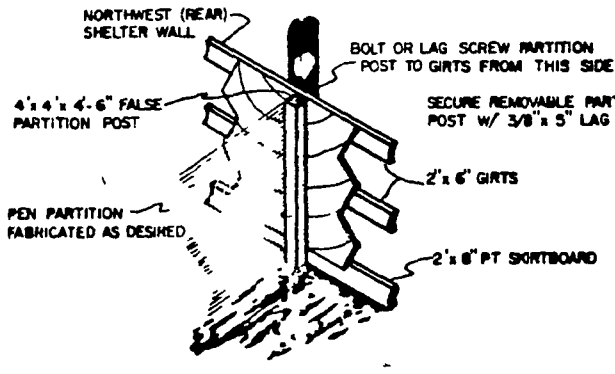
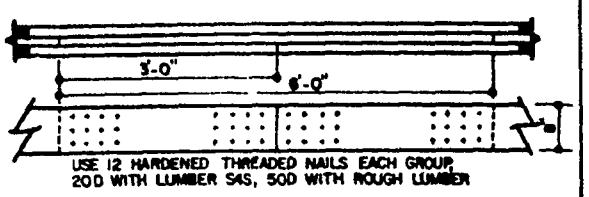


PLATE DETAIL
NO SCALE

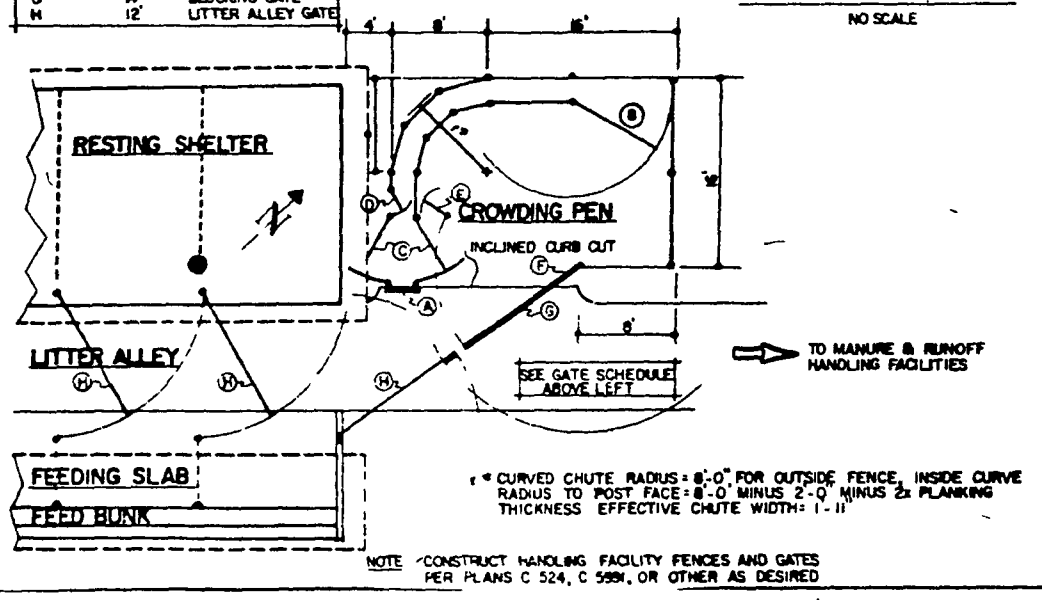

NORTHWEST (REAR) SHELTER WALL
BOLT OR LAG SCREW PARTITION POST TO GIRTS FROM THIS SIDE
4'x 4'x 4'-6" FALSE PARTITION POST
SECURE REMOVABLE PARTITIONS TO POST W/ 3/8" x 5" LAG SCREWS, WASHERED
2'x 6" GIRTS
PEN PARTITION FABRICATED AS DESIRED
2'x 8" PT SKIRTBOARD

PEN PARTITION WALL
NO SCALE



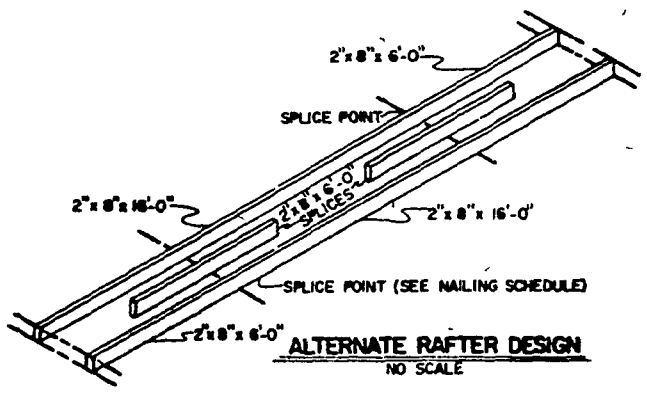
SPLICED RAFTER NAILING SCHEDULE
NO SCALE

GATE SCHEDULE		
GATE	LENGTH	FUNCTION
A	—	HEAD CATCH
B	8'	CROWDING GATE
C	5'	ACCESS/EXIT GATE
D	2'	MAN GATE
E	2' 6"	MAN GATE
F	12'	PEN GATE
G	M	BLOCKING GATE
H	12'	LITTER ALLEY GATE



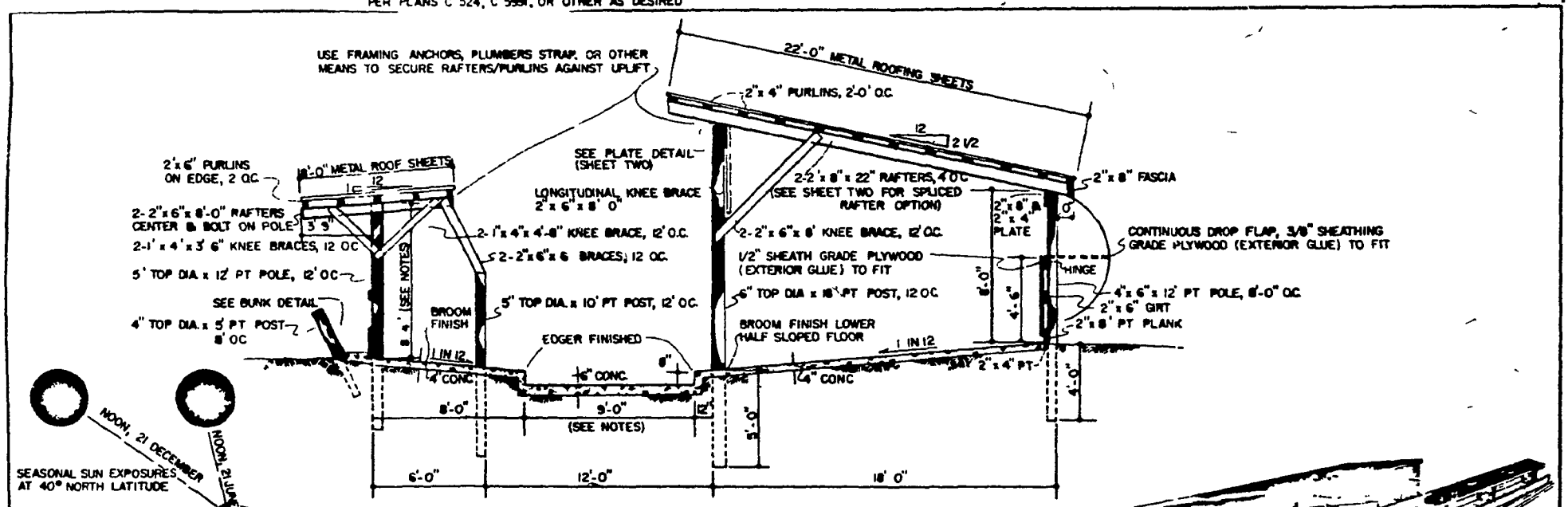
r = CURVED CHUTE RADIUS = 8'-0" FOR OUTSIDE FENCE, INSIDE CURVE RADIUS TO POST FACE = 8'-0" MINUS 2'-0" MINUS 2x PLANKING THICKNESS EFFECTIVE CHUTE WIDTH = 1'-11"

NOTE *CONSTRUCT HANDLING FACILITY FENCES AND GATES PER PLANS C 524, C 5991, OR OTHER AS DESIRED



ALTERNATE RAFTER DESIGN
NO SCALE

HANDLING FACILITIES ARRANGEMENT


USE FRAMING ANCHORS, PLUMBERS STRAP, OR OTHER MEANS TO SECURE RAFTERS/PURLINS AGAINST UPLIFT
22'-0" METAL ROOFING SHEETS
2"x 4" PURLINS, 2'-0" O.C.
12
2 1/2
2'x 6" PURLINS ON EDGE, 2 O.C.
18'-0" METAL ROOF SHEETS
SEE PLATE DETAIL (SHEET TWO)
2-2"x 8"x 22" RAFTERS, 4'0 C
(SEE SHEET TWO FOR SPLICED RAFTER OPTION)
2"x 8" FASCIA
LONGITUDINAL KNEE BRACE 2"x 6"x 8'-0"
2-2"x 6"x 8'-0" RAFTERS CENTER & BOLT ON POLE
2-1"x 4"x 4'-8" KNEE BRACE, 12' O.C.
2-2"x 6"x 8' KNEE BRACE, 12' O.C.
2"x 8" & 2"x 4" PLATE
CONTINUOUS DROP FLAP, 3/8" SHEATHING GRADE PLYWOOD (EXTERIOR GLUE) TO FIT
2-1"x 4"x 3' 6" KNEE BRACES, 12 OC
2-2"x 6"x 6' BRACES, 12 OC.
1/2" SHEATH GRADE PLYWOOD (EXTERIOR GLUE) TO FIT
5' TOP DIA x 12' PT POLE, 12' OC
5" TOP DIA. x 10' PT POST, 12' O.C.
6" TOP DIA x 18' PT POST, 12 OC
HINGE
4"x 6"x 12' PT POLE, 8'-0" O.C.
SEE BUNK DETAIL
4" TOP DIA. x 5' PT POST 8' OC
BROOM FINISH
SEE NOTES
BROOM FINISH LOWER HALF SLOPED FLOOR
2"x 6" GIRT
2"x 8" PT PLANK
EDGER FINISHED
1 IN 12
4" CONC.
6" CONC.
2"x 4" PT
8'-0"
9'-0" (SEE NOTES)
6'-0"
12'-0"
16' 0"
CROSS SECTION
MOON, 21 DECEMBER
NOON 21 JUNE
SEASONAL SUN EXPOSURES AT 40° NORTH LATITUDE
REMOVABLE PEN PARTITION
12'-0" GATE
PERSPECTIVE
NO SCALE
9 BAYS at 8'-0" = 72'-0" DIVIDED INTO 6 PENS at 12'-0"
ROOF OVERHANG PROJECTION
CONTINUOUS DROP FLAP THIS WALL ABOVE 4'-6" HEIGHT
BED THESE PENS ONLY
REMOVABLE PARTITION, SOLID TO ROOF
PEN PARTITION
SUGGESTED LOCATION FOR CATTLE HANDLING FACILITIES
BABY CALF PENS
POST WEANING PENS
REMOVABLE BEDDING BOARD
SHELTER
ALTERNATE PEN PARTITION SOLID TO 4' HGT (DRAFT PROTECTION)
WATERER
PARTITION POST
FIBERGLASS PANELS ABOVE 4'6" HT, THIS END ONLY
19'-0"
9'-0"
8'-0"
LITTER ALLEY
12' GATE
CURB 6" HIGH
TO MANURE AND RUNOFF HANDLING FACILITIES
FEEDING SLAB
PEN PARTITION
FEED BUNK
12'-0"
BOTTLE RACKS THESE PENS ONLY
CONSTRUCT TO SUIT
ACCESS DRIVE
ROOF OVERHANG PROJECTION

PLAN
NO SCALE

NOTES

1) SHELTER ORIENTATION IS CRITICAL OPEN FRONT SHOULD FACE TO SOUTHEAST PREVAILING WINTER WINDS ASSUMED TO BE FROM WEST/NORTH-WEST
2) SLOPED FLOOR AREAS ARE SELF-CLEANING, NO BEDDING IS REQUIRED
3) IT MAY BE NECESSARY TO INCREASE BUNK ROOF CLEARANCE FOR FEED WAGON PASSAGE. MEASURE EQUIPMENT TO BE USED
4) LITTER ALLEY WIDTH IS VARIABLE DEPENDING ON MANURE HANDLING EQUIPMENT SELF LOADING MANURE SPREADERS REQUIRE GREATER WIDTH WITH FLOTATION TIRES
5) ROOF DESIGN MODIFICATION- USE 4O TRUSSED ROOF. THE SECTION OVER THE SCRAPE ALLEY CAN BE COVERED WITH GREENHOUSE QUALITY FIBERGLASS. LEAVE AN 8' OPEN RIDGE COVER EXPOSED TRUSS AT RIDGE WITH FLASHING.

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Farm Talk

Jerry Webb

Elsie making comeback

One of the hottest stars in Hollywood these days is after all only a farm animal. No doubt the sexy Miss Piggy would be offended to hear herself described that way, but truth is truth. Despite her efforts to be beautiful and desired, she is still a pig.

Miss Piggy is not the first farm animal to jump the barnlot gate and head for the bright lights. There have been others, most notably a Jersey cow named Elsie.

The American Jersey Cattle Club reminds us that Elsie, the advertising symbol for the Borden Company's milk products, enjoyed unprecedented popularity a few decades ago and is now making her media comeback.

Elsie the cow started out as a print media logotype — an artist's caricature that began showing up in milk ads in national magazines back in 1936. The popularity of the campaign soon sent Borden executives on a nationwide hunt for a real cow.

The real live Elsie made her debut at the 1939 World's Fair in New York City, according to J.F. Cavanaugh, executive secretary of the American Jersey Cattle Club. He was one of a group of college students assigned to the task of caring for a herd of 150 dairy animals on exhibit at the fair.

It soon became evident, he says, that everyone who stopped by the display wanted to see Elsie, and the Borden Company wasn't about to disappoint them. A special booth was hastily prepared and a registered Jersey cow, Elm Hill Farm's You'll Do Lobelia, became Elsie.

Elsie was given the very best, including a boudoir featuring all the whimsical farm-related props a big-time advertising department could think of. There were churns made into tables, milk bottle lamps, a wheelbarrow chaise lounge, and oil paintings of Great Aunt Bess and Uncle Bosworth.

Elsie outdrew everything at the 1940 World's Fair, including the multi-million dollar General Motors Futurama, as thousands of fans stopped by her stall. Taking advantage of this popularity, the Borden people created her family, a husband named Elmer (still featured on Elmer's Glue), and a calf named Beulah.

Then it was off to Hollywood to make a movie while Elmer kept things going at the fair. Elsie co-starred with Jack Oakie in a film called "Little Men" and received star treatment, including a stay at the Ambassador Hotel and a cocktail party at Ciro's.

Following the World's Fair closing in October 1940, Elsie and Beulah went to New York's exclusive Bonwit Teller to get the young heifer ready for school, then on to Philadelphia where they drew 228,000 admirers during a three-week stint at Gimbels. The lines of lookers were so long, Santa Claus had to be relocated to the rug department.

Elsie then became an unparalleled fund raiser collecting more than 10 million dollars in War bonds between 1941 and 1945. She traveled all over the United States in her own private rail car – even received a Doctor of Bovinity degree from the University of Wisconsin.

Recent surveys show that even after more than four decades since her World's Fair debut, Elsie remains the most beloved trademark in America, with the Campbell Soup twins a distant second.

And now the Borden Company is bringing Elsie back as a living symbol of the vitality and excitement that goes with milk.

Bordens now owns several Elsies. They're housed at Ohio State University where ag students provide for their health and well being. Instead of a box car, the modern Elsie, still a pert and pretty Jersey cow, travels by air or in a fifth-wheel trailer dubbed a "Cowdillac."

So once again Elsie makes the rounds of fairs and grand openings, delighting kids who may be seeing for the first time the real source of milk. And standing behind those kids some misty-eyed parents or grandparents who can still remember when they saw that first Elsie at the World's Fair so long ago.

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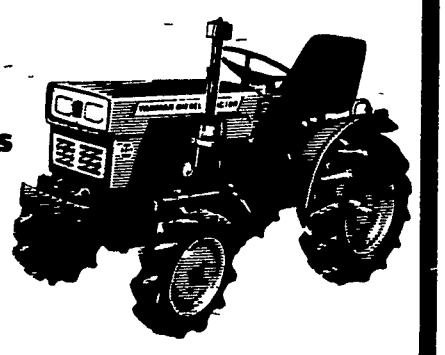

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Start checking corn now for ECB

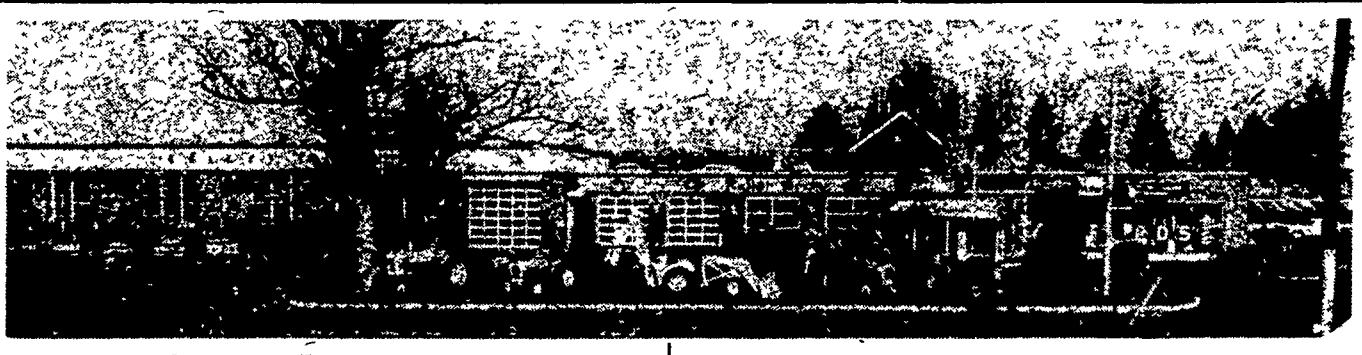
NEWARK, Dela. — Now's the critical time to start checking your crops for European corn borer activity — particularly your corn. Peak first brood egg laying activity occurred 7 to 10 days ago, so larvae should be hatching out now, says University of Delaware Extension pest management specialist Mark Gruastein.

Though some egg laying will continue during the first two weeks of June, borers emerging right now are the ones to watch for, in terms of how much damage you can expect this season. Overall infestations in corn are still expected to be light to moderate as predicted earlier this spring, he says.

The most important corn to check first is the earliest planted conventionally tilled corn (that planted before April 20). This was the tallest and thus most attractive when female moths were laying their eggs.

Recommendations for ECB control are no different than they were last year, says Graustein. So follow the same prescribed guidelines for determining if and when insecticide treatment is needed.

Fact sheets outlining scouting procedures for ECB in corn are available at county Extension offices. These fact sheets also list recommended chemical controls, should treatment be required.



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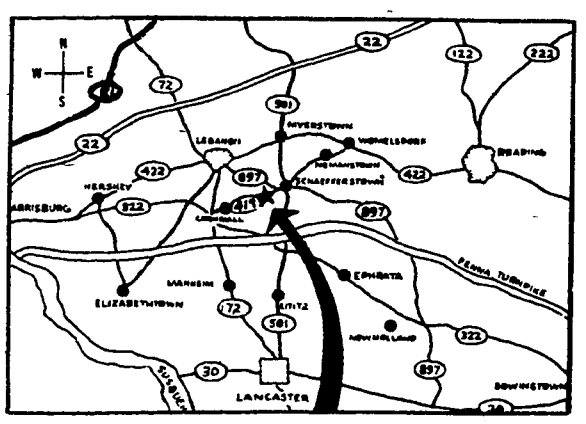

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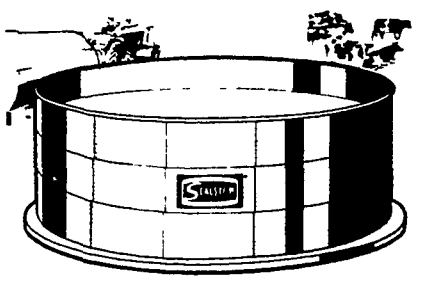

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Well-placed phosphorus cures purple corn

NEWARK, Dela. — Corn in many fields is showing varying amounts of purple leaf color.

"Where comparisons can be made, it's clear that this purple coloring is associated with reduced growth," says University of Delaware Extension agronomist William Mitchell.

The key factor appears to be phosphorus deficiency, he says. The problem is occurring in some fields where the soil phosphorus level seems adequate, but where the soil pH is 6.2 to 6.4.

"Cold weather is the reason most frequently given for purple corn," says the agronomist. "But this spring we've experienced an unusually warm April and normal temperatures for May.

"Still, it's likely that low soil temperatures are an important factor in the abnormal growth of corn, since cold soil seriously limits root absorption of phosphorus. This being the case, we should expect these conditions to occur fairly regularly."

The problem can be solved by the use of a well-placed phosphorus fertilizer at planting. Some growers hesitate to return to this practice because it slows down the planting operation. Others argue that a fast start doesn't necessarily mean more corn at harvest.

A growing number of people, though, are saying that yield increases will come and phosphorus in the planter is the way to go with this relatively expensive nutrient. Broadcast rates can be cut in half with banding, which increases recovery by at least 50 percent.

Work under way at the University of Delaware Substation at Georgetown shows placement of starter fertilizer is extremely important, says Mitchell.

Placement of fertilizer one-half inch or less from the seed has been effective in terms of plant growth. But in many cases with fertilizers such as DAP (diammonium phosphate), this caused about a 20-percent stand reduction. Moving the fertilizer band two inches from the seed produced the same growth response and eliminated all evidence of phosphorus deficiency without any stand reduction. When the fertilizer band was moved five inches from the seed, there was no visible growth response.

Several nitrogen sources are being compared in Extension demonstrations at Georgetown.

"Whereas DAP at 150 pounds per acre has given excellent results, performance this spring has been equally good with 75 pounds each of DAP and ammonium sulfate applied in a blend," Mitchell reports.

The ammonium sulfate supplies sulfur as well as nitrogen while at the same time lowering soil pH in the fertilizer band and increasing availability of soil manganese.

Since DAP raises the soil pH in and around the fertilizer band for a few weeks, the pH adjustment caused by ammonium sulfate in the blend may be especially important.

Md. market guide available

ANNAPOLIS, Md. — Shoppers who enjoy taking advantage of Maryland's many pick-your-own farms and roadside markets have a new treat this year in the form of a greatly expanded and updated "Pick-Your-Own and Direct Farm Markets" guide.

The guide, published by the Maryland Roadside Marketing Association, the Cooperative Extension Service and the Maryland Department of Agriculture's Marketing Division, is free and is now available at public libraries and Extension Service offices throughout the state.

It now features 81 listings of orchards, farmers' roadside stands, and pick-your-own operations, has a map showing where they are, and includes a chart showing the approximate harvest dates for a vast array of fruits and vegetables produced in the state over the growing season.

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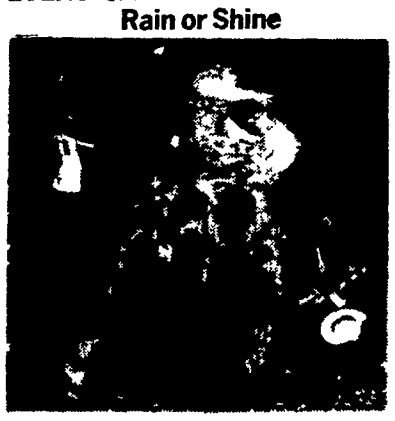

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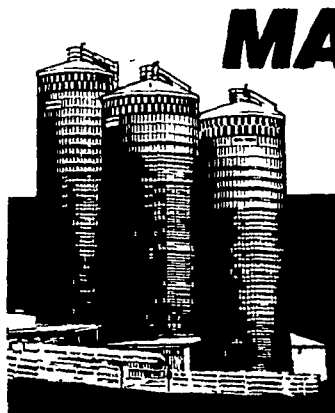

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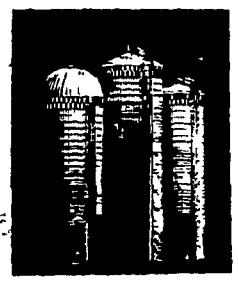

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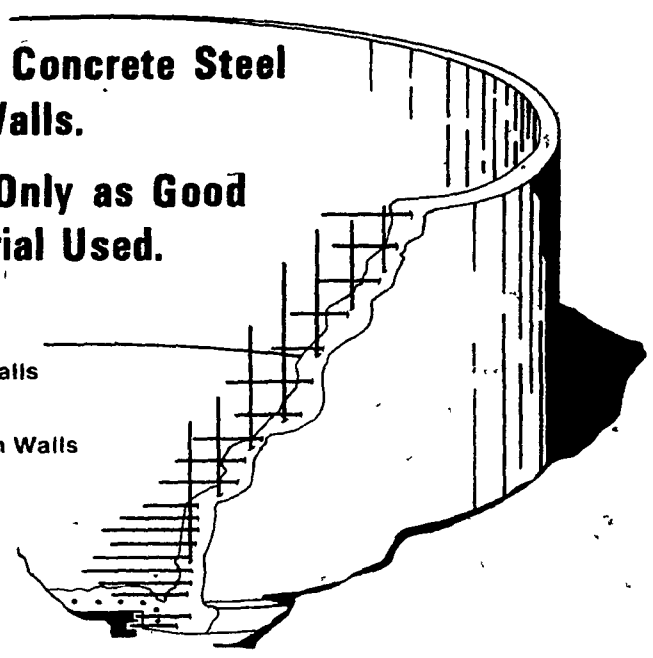

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Crop insurance offers higher protection

WASHINGTON, D.C. — The Federal Crop Insurance Act of 1980, which became effective last October 1, makes crop insurance available on a nationwide basis and provides coverage on virtually all crops.

The new, larger insurance program is designed to protect crops when ASCS disaster payments are phased out after the 1981 crops are harvested. Subsidized crop insurance will then replace the complex system of disaster payments and emergency loans that has built up over the years.

Program Changes

The Federal Crop Insurance program offers more protection than before with higher yield and dollar guarantees. It also provides substantially greater flexibility Farmers can tailor coverage to their own individual financial situations, change the policy from year to year as risk management needs change, and receive insurance guarantees based on individual yield history.

If a farmer decides to buy Federal Crop Insurance, the Government will foot the bill for the 30 percent of the premium price covering up to 65 percent of established yields.

When the 1980 Act was written last fall, only 1,626 of the nation's roughly 3,000 counties had crop insurance. Half of them had insurance for wheat. There was also a sizable number of county programs for corn, soybeans, cotton, tobacco, and various other crops.

Originally, 250 additional counties were to be brought into the program each year until all counties were covered. However, on April 27 the Secretary of Agriculture announced that by 1982 insurance will be available in all counties where the six crops currently eligible for disaster payments are grown. These crops are wheat, cotton, grain sorghum, rice, corn, and barley.

Farmers can now buy the insurance from private insurance agents, banks, Production Credit Associations, and county ASCS offices, as well as from local offices of the Federal Crop Insurance Corporation (FCIC). In the past, FCIC offices were the only places you could buy it.

Choosing Protection

Farmers can choose to cover 50, 65, or 75 percent of their normal yield. They can then select from a range of three guaranteed prices, with the highest insured price set within 90 percent of the projected market price.

If farmers need maximum coverage to pay debts or meet other needs, they can buy 75-percent coverage of the full projected price. However, the 30-percent discount you get off the premium price covers only the first 65 percent of the guaranteed yield. Producers less in need of protection can select smaller amounts of coverage that cost only a fraction of the higher options.

This year, if farmers produce wheat, cotton, grain sorghum, rice, corn, or barley, they can still receive ACSC disaster payments and crop insurance as well. But if they elect this combination, they don't qualify for the 30-percent discount, but instead pay the full of insurance premium.

The disaster payments can add substantially to insurance coverage. Remember, though, farmers must participate in the farm programs for wheat, cotton, grain sorghum, corn, rice, or barley to be eligible for disaster payments.

How It Works

Premium payments and other elements of the program will vary among counties and crops, but as an example, let's look at the protection a farm in Mills County, Iowa, can get on its corn and soybean crops this year.

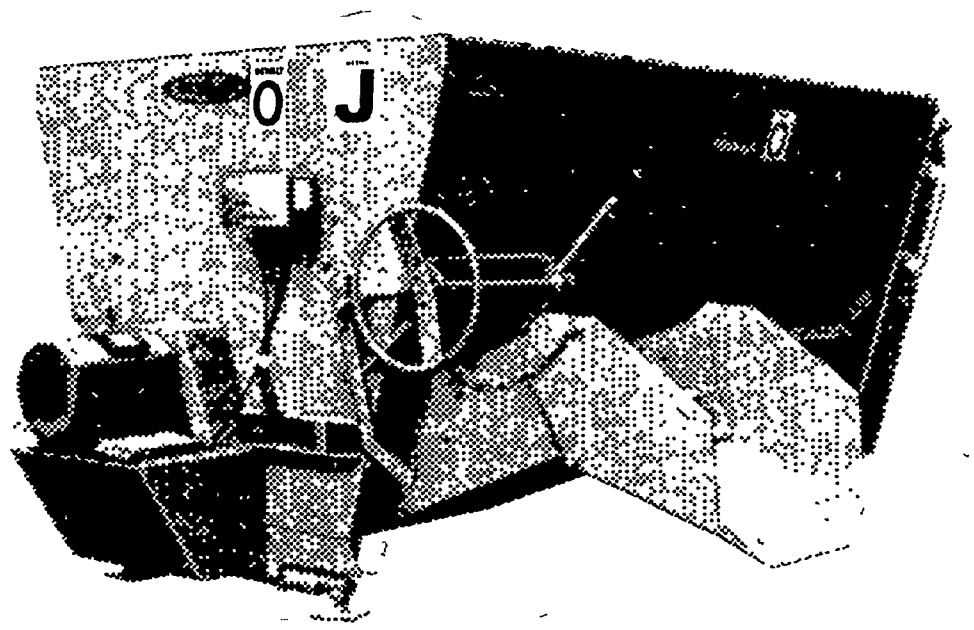
Let's say this farm has 200 acres of corn and 100 acres of soybeans for insurance. We'll assume that for this farm:

- the average corn yield (from FCIC records) is 110 bushels;
- the farmer choses the 75-percent yield guarantee at $2.70 a bushel, paying a subsidized premium of $9.90 an acre.

Now suppose that for the 100 acres of soybeans, the same 75-percent coverage is selected, and that:

(Turn to Page D10)

Ensilmixer® feed mixing system from JAMESWAY®



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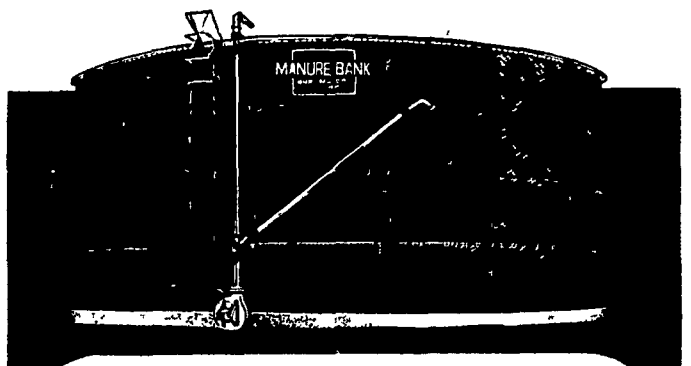

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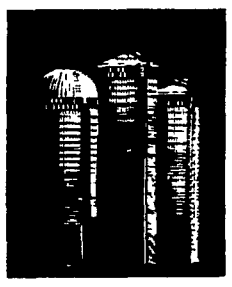

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Crop plan

(Continued from Page D9)

• the county's average soybean yield is 30 bushels;

• the price guarantee chosen is $7.00 a bushel, for which was paid a premium of $8.50 an acre.

Now let's assume that severe drought reduces 1981 corn yield to 20 bushels per acre and soybean yield to 10 bushels. Payment for the damaged corn crop under the subsidized Federal Crop Insurance Program is calculated as follows:

1) 75 percent of the 110 bu. yield = 82.6 bu.

2) 82.5 bu. (guarantee) - 20 bu. (production) = 62.5 bu. loss

3) 62.5 bu. x $2.70 = $168.75/acre

4) $168.75 x 200 acres = **$33,750 paymt.**

Payment for the soybean damage is determined this way:

1) 75 percent of your 30 bu. yield = 22.50 bu.

2) 22.5 bu. (guarantee) - 10 bu. (production) = 12.50 bu. loss

3) 12.5 bu. x $7.00 = $87.50/acre

4) $87.50 x 100 acres = **$8,750 paymt.**

Under the subsidized Crop Insurance Program, the farmer would receive a total of $42,500 for two damaged crops.

The subsidized premiums were $9.90 an acre for corn and $8.50 an acre for soybeans. Therefore, he paid $2,830 in premium costs and received a net benefit of $39,670.

Other options

The relationship between any insurance benefit and the premium cost depends, of course, upon how severe the loss is and the level of protection chosen. Insured farmers who suffer no losses and thereby reap no benefits must still bear the premium cost out of cash receipts.

This is a management decision each farmer must make based on individual financial situations. Keep in mind that the premium payments are a tax-deductible business expense that lowers the cost of insurance protection.

If, in the previous example above, the farmer had decided against insurance, but had participated in the 1981 feed grain program, he would have received a disaster payment from the corn crop. Soybeans, aren't a target price crop and therefore aren't eligible for disaster payments.

Let's see how the farmer would fare under the low yield disaster program, without insurance. Assuming a target price of $2.40 a bushel and the same yield reduction as above, he'd be eligible for payments calculated as follows:

1) 60 percent of 110 = 66 bu. (only production below 60 percent of normal yield is eligible)

2) 1/2 the target price = $1.20/bu. (the payment rate equals 1/2 the target price)

3) 66 bu. (eligible) - 20 bu. (production) = 46 bu. loss

4) 46 bu. x $1.20 = $55.20/acre

5) $55.20 x 200 acres = **$11,040 paymt.**

Farmers who want to avoid risk as much as possible can choose to pay the higher, nonsubsidized crop insurance premium and received the combined protection in 1981.

Assuming the same corn and soybean acreage and coverage as above, premium charges would be $3,370, up $540 from the subsidized premium costs. But the combined potential returns from insurance and disaster payments–assuming the same damage–would rise substantially:

$42,500 + $11,040 = $53,540

In this example, participating in the feed grain program and paying the additional corn premiums increased total payments by $11,000. The actual result would depend on the level of coverage selected and the extent of any loss that crops may sustain from dought, wind, hail, disease, or other natural disaster.

Advantages of Program

Under the new program, there will be one straightforward system for everyone. Previously, a vast array of programs sprung up wherever farmers suffered losses.

Premium rates will be set by the FCIC, based on the potential risk of crop loss in each area. This should encourage farmers to plant crops that are better suited to their particular area.

The expanded protection will serve farmers' financial needs by helping ensure cash flow stability.

• This will make it easier to obtain and pay loans, especially for those producers who don't have a big capital reserve.

• Forward contracts will also be more secure with insurance to guarantee funds for meeting the contract.

The amount of insurance that's right will probably depend on these same cash flow needs. Insurance agents can help choose a protection plan. But finally, each farm operator knows the level of protection that feels most comfortable.

Md. farm visits on June 28

COLLEGE PARK, Md. — It's time again for urban youngsters to cuddle a calf or love a lamb, as 24 "Welcome Farms" in nine Maryland counties prepare for the fifteenth annual Farm Visitation Day on June 28.

This year's host farms are scattered from the mountains of western Maryland to the flatlands of the Eastern Shore, reports Roy D. Porter, Extension coordinator of special communications at the University of Maryland.

Barring rainy weather, Porter expects more than 25,000 youngsters and adults to turn out for the traditional fourth-Sunday-in-June event. Open house hours are 1 to 5 p.m.; but visitors are welcome to stay later to watch milking operations at participating dairy farms, including a dairy goat farm in southern Maryland's Calvert county.

New features of this year's Farm Visitation Day will be a crop farm in Charles county where greenhouse tomatoes are grown commercially without soil and a dairy farm in Talbot county where cows are milked on a continuous basis, 24 hours per day.

Intended to give urban families a close look at their rural neighbors, Farm Visitation Day is sponsored each year by the University of Maryland's Cooperative Extension Service in cooperation with major farm organizations in the state.

Local committees have been active in most of the nine participating counties, planning details for hosting the event at each designated farm. Many of the host farms will offer light refreshments, free of charge, with cold milk a likely prospect at participating dairy farms.

Directions to all participating farms are listed in a free Farm Visitation Day brochure, titled "A Family Affair" (Leaflet 86). The leaflet will be available by mid-June from offices of the Cooperative Extension Service and public libraries in the participating counties — Anne Arundel, Baltimore, Calvert, Charles, Frederick, Harford, Montgomery, Talbot and Washington.

They will also be distributed at all three offices of the University of Maryland's Cooperative Extension Service in Baltimore City.

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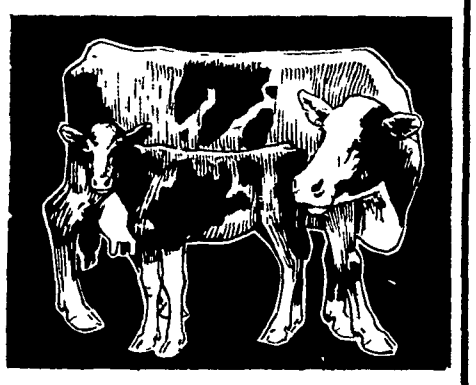

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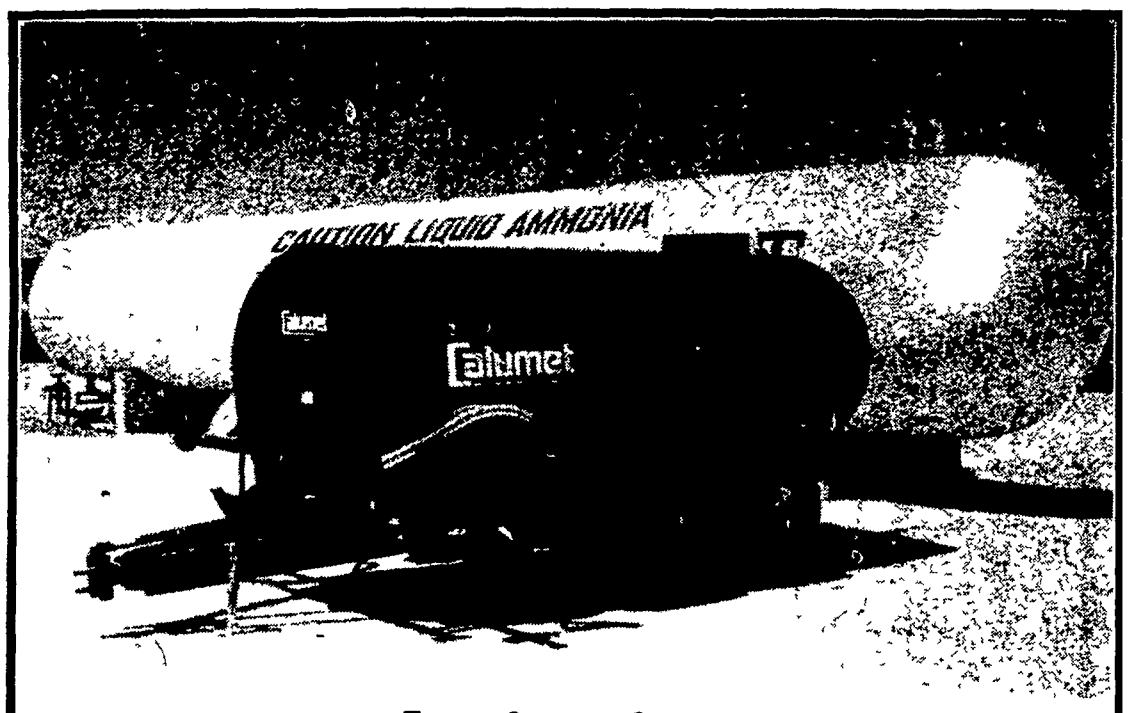

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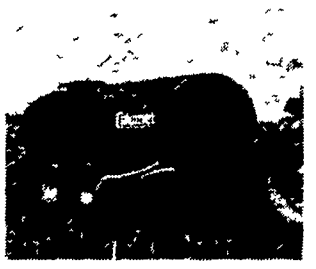

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Soft-spoken progress toward better production

BY DICK ANGLESTEIN

SCHAEFFERSTOWN — Both father and son talk in quiet, soft-spoken tones when discussing their dairy farm operation along Flintville Road west of Schaefferstown.

And balancing their moderation in explanation are words equally laced with down-to-earth practicality.

Perhaps, these two characteristics also best describe their recent progress toward production gains, which have taken place along with expansion of facilities and herd size recently.

Don Krall, of Lebanon County, is surrounded by a sea of curious black and white in pasture. He and his father, Arthur, operate dairy farm along Flintville Road, which has had consistent production leaders among Cedar Crest Young Farmers for the past three years. This year, the father-son team captured a pair of first-place awards for high individual milk production and largest average herd increase.

Arthur Krall and son, Don, mark the fifth and sixth generations on the family farm in southern Lebanon County.

It's a misty, drizzly morning and both are busy in the barn following morning milking.

Arthur Krall pauses in his cleaning chores.

"This row of nine stalls doesn't have a gutter cleaner so I just take it over to the next gutter," he explained.

"We ran into quite a bit of rock and decided not to try and put the cleaner in this one area."

The practicality of operation shows.

Don Krall, 1973 graduate of Cedar Crest and member of the Young Farmers Chapter, had an extra bit of work this morning.

"One of the cows freshened and the calf was turned the wrong way," he said.

"After she pushed so far, I pulled it. At first, I wasn't sure it was going to make it. But it seems okay now."

The hushed tones of both were in keeping with the silence of the barn, now empty except for the recent mother and son on wobbily legs and a few other calves in a box stall.

For the past three years at the Cedra Crest Young Farmer banquets, Arthur and Don Krall have been among the top dairy production award winners.

In 1979, they had the top individual milk producer at 26,877 lbs.

Last year, they garnered a pair of seconds – runnersup in individual milk production with 26,261 lbs. and a similar placing for individual fat at 984 lbs.

And just this week, they captured two first-place awards – the high individual fat production of 997 lbs. and the highest average herd increase of 1,393 lbs.

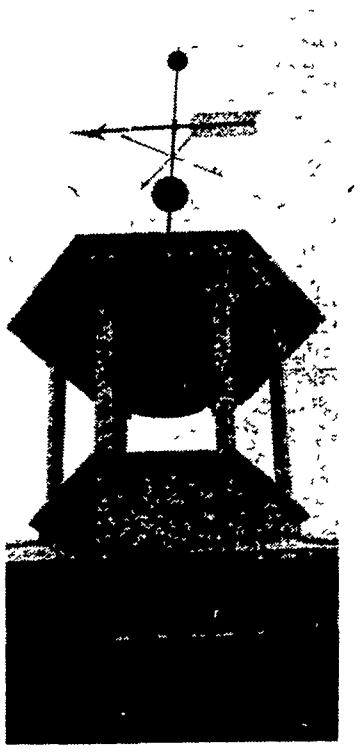
All were achieved in 305 days.

"We had a really good crop of first-calf heifers," Don Krall explained.

"These heifers, along with the better producers among the older cows, were primarily responsible for the production hike."

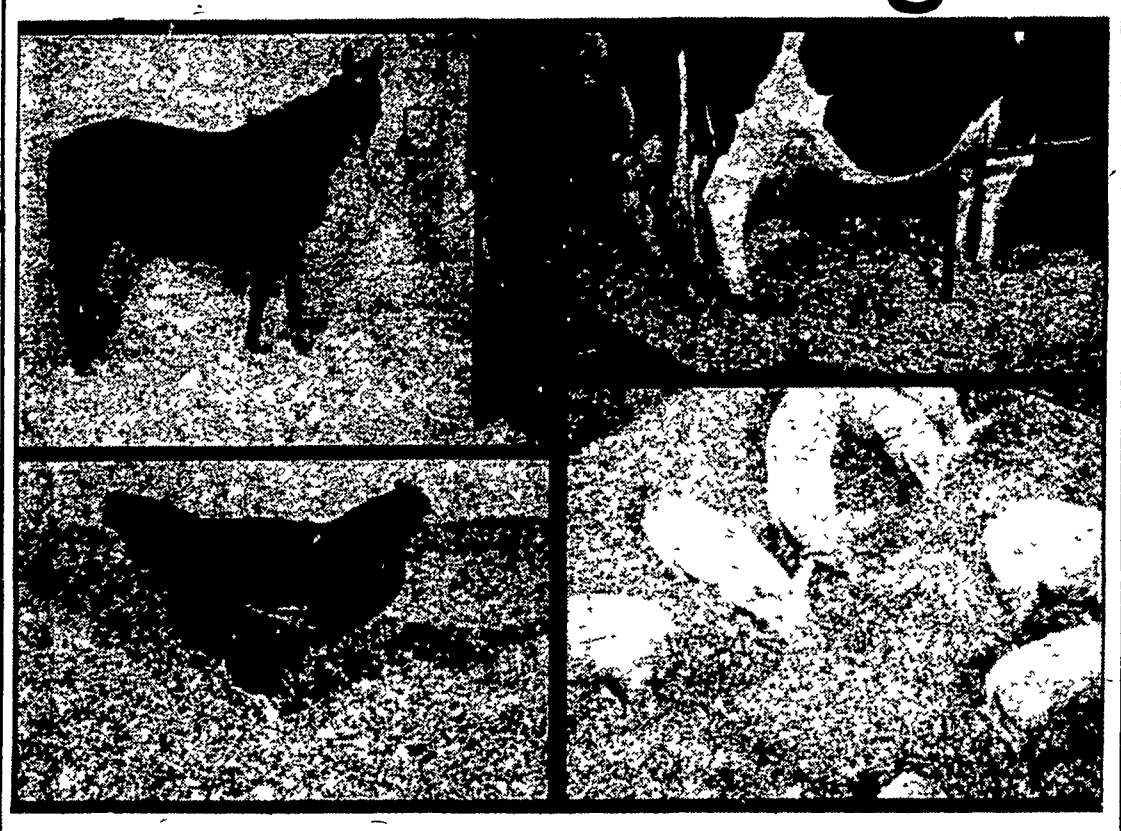
Milk production among the

(Turn to Page D12)



This is a closeup of steeple with dinner bell atop summer house on Krall farm.

For Clean Living...



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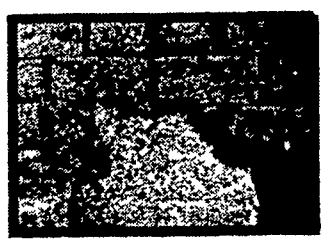

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DUST: None.
BALE SIZE: 12½ x 18 x 30" 3.9 cu. ft
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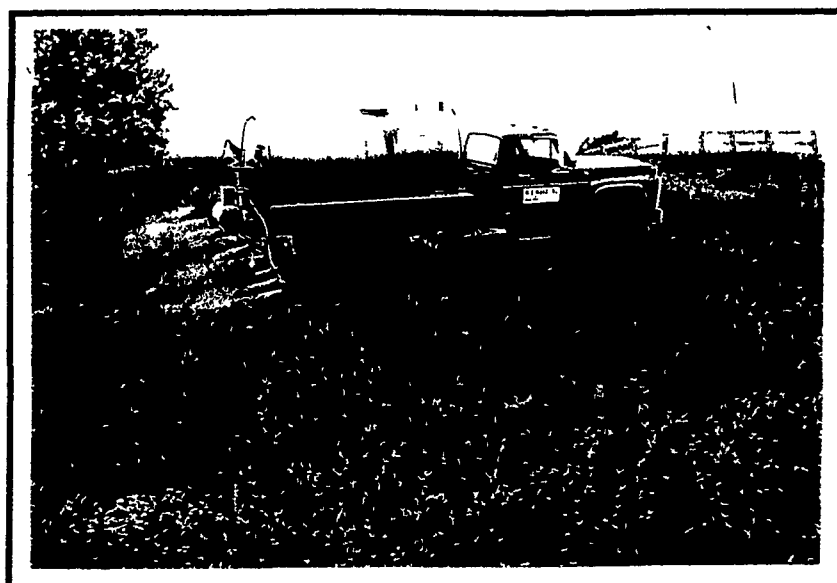

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Production progress

(Continued from Page D11)

heifers ranged from better than 16,000 to more than 20,000 pounds.

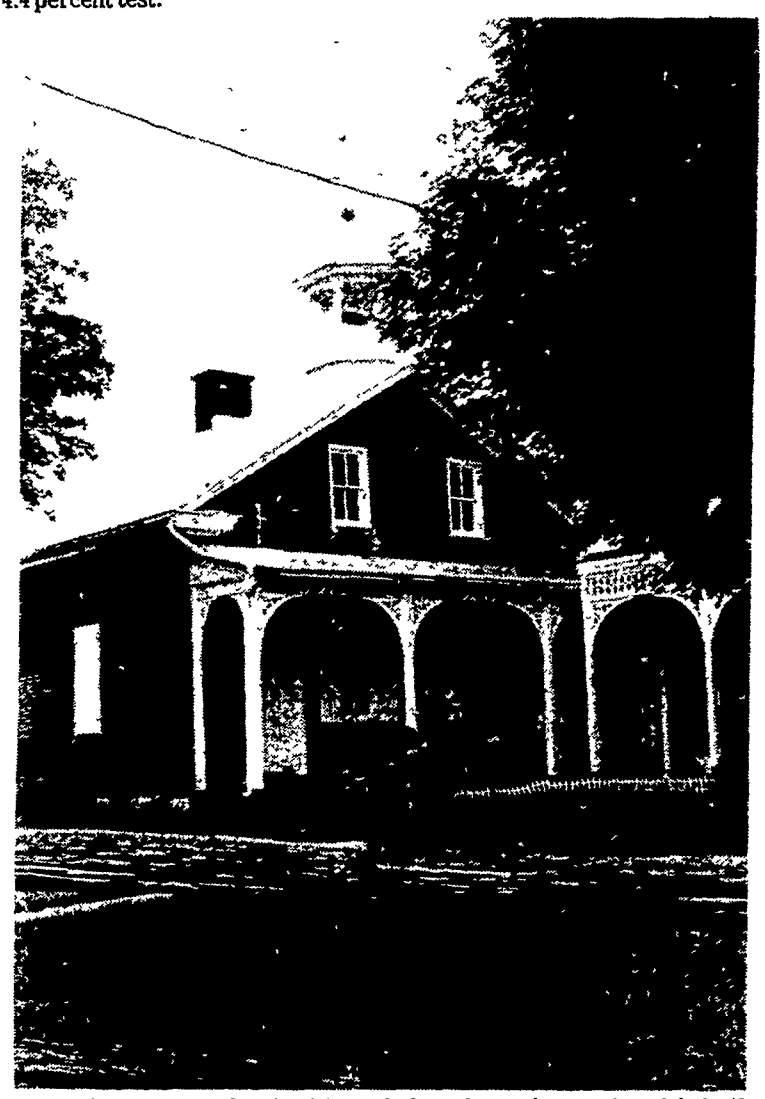
The top fat producer, a six-year-old, ended up with 1,125 lbs. in 365 days, along with 27,102 lbs. of milk.

"It looks as if another cow will now surpass her in butterfat," Don Krall said.

In 337 days, she's recorded 23,801 lbs. of milk and 1047 lbs. of fat at 4.4 percent test.

Jenny, the high fat producer which won the award, is bred to Carlin-M Ivanhoe Bell and a stud service has expressed interest in a bull out of her.

The Kralls have also made some acquisitions, including Polly, whose dam is Benbro Kingpin Polly, 3E-96. Polly is also Excellent 2E, with milk records to 25,000. The dam milked to 26,000.



No it's not a school, although facade and steeple with bell give that impression. It's the summer house portion of the large brick farmhouse on the Krall farm along Flintville Road. Bell was used to call family to dinner in years past.

Polly will likely be the next subject for super ovulation and embryo transplants. Jenny was the Krall's initial effort at supering and transplants.

"Jenny had only four good eggs out of nine and only one resulted in pregnancy," Don Krall said.

"Our main problem was that we didn't have a good batch of recipients for the transplants. But we've learned from the first try and will attempt it again."

Now up to about 65 milkers and a similar number of replacements, the Kralls did some expansion over the past winter.

Twenty-one more comfort stalls were put into an older section of the barn that contained heifer stables. A 20 X 64-foot silo was added and an earthen bank pond for manure storage was constructed.

With the increase of stall capacity to 70, the number of milkers was increased to the present level of about 65.

A total mixed ration is fed, and Penn State is again being utilized for formulation recommendations.

"I like to feed haylage or ryelage to the milkers and prefer to be told just what to add according to the forage tests." Don Krall said.

"To speed up the return of the ration recommendations, we may start using the new lab in southern Lancaster County for the forage tests."

The Krall farm covers a total of some 121 acres, of which about 105 are tilled, essentially in alfalfa and corn.

Rose funds available

LEESPORT — Mark S. Balthaser, Chairman of the Berks County Agricultural Stabilization and Conservation Committee, announced that additional funds have been made available for multiflora rose control under the 1981 Agricultural Conservation Program.

Although the original county allocation of ACP funds were all approved for Berks County farmers months ago, cancellations and underspending have released some funds to be recommitted. A limited amount of 1981 ACP requests are now being taken for multiflora rose and other ACP practices.

Balthaser points out, however, that should the practice be started before being notified of approval one would not be eligible for the cost-shares.

For 1981 Multiflora Rose Control ACP benefits are 50 percent of the cost of the chemicals not to exceed $40.00 per acre. All that is required is a private applicators certification.

Applications for cost-share help from ASCS are being taken at the ASCS office in the Berks County Agricultural Center in Bern Township.

The next Berks County ASC Committee meeting at which action will be taken on applications received will be Friday, June 19.

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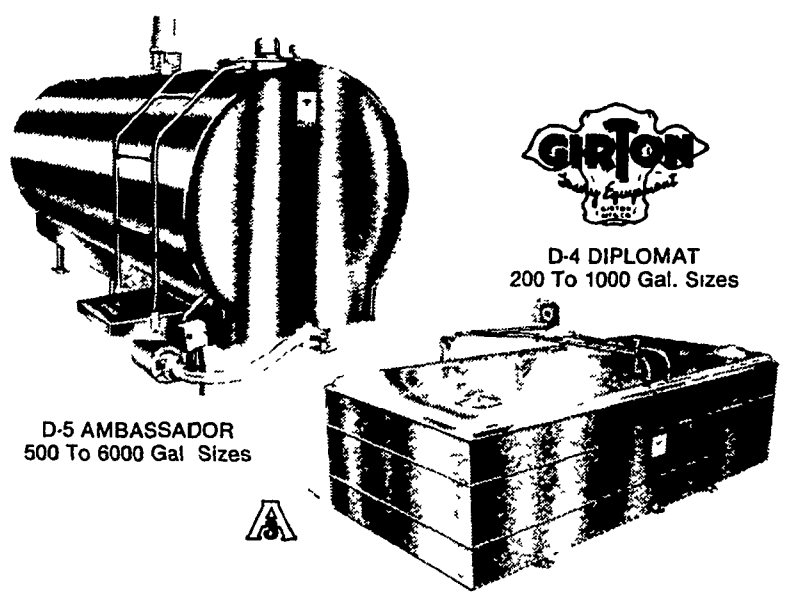

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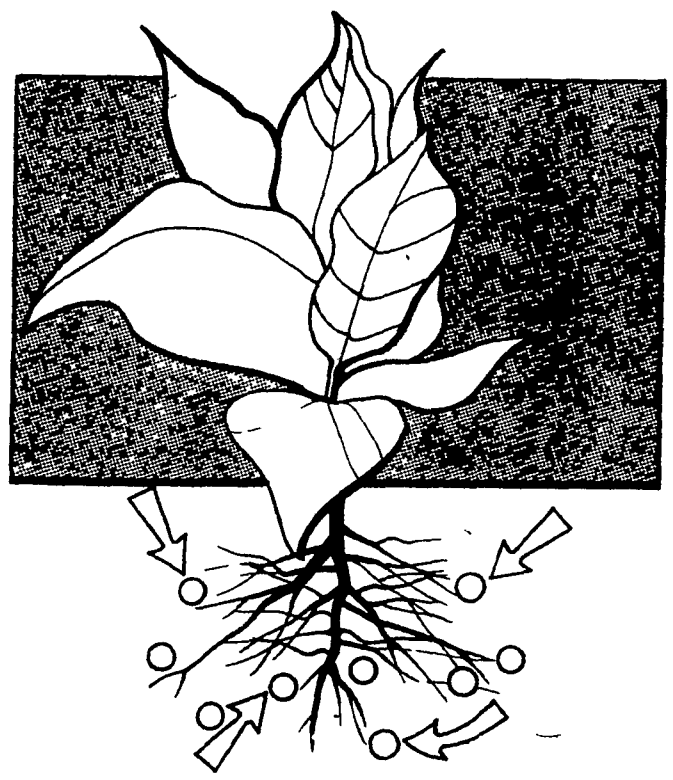

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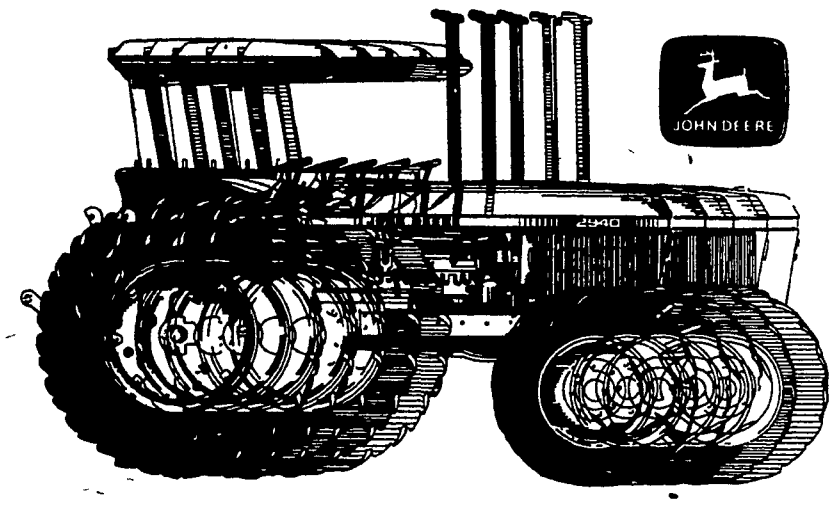

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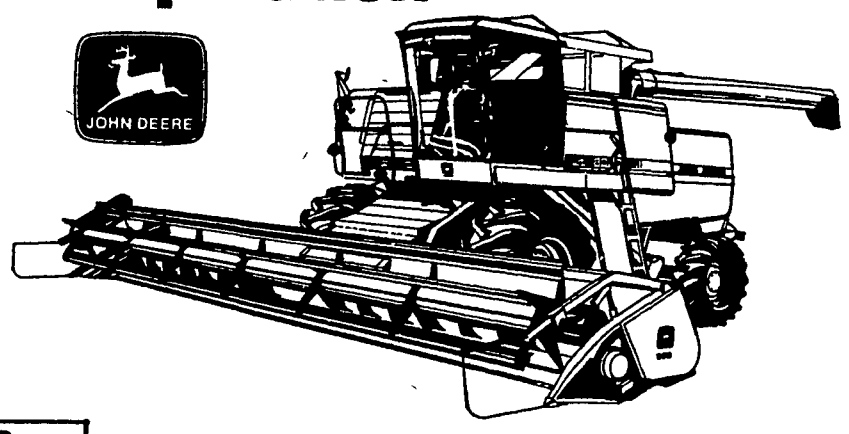

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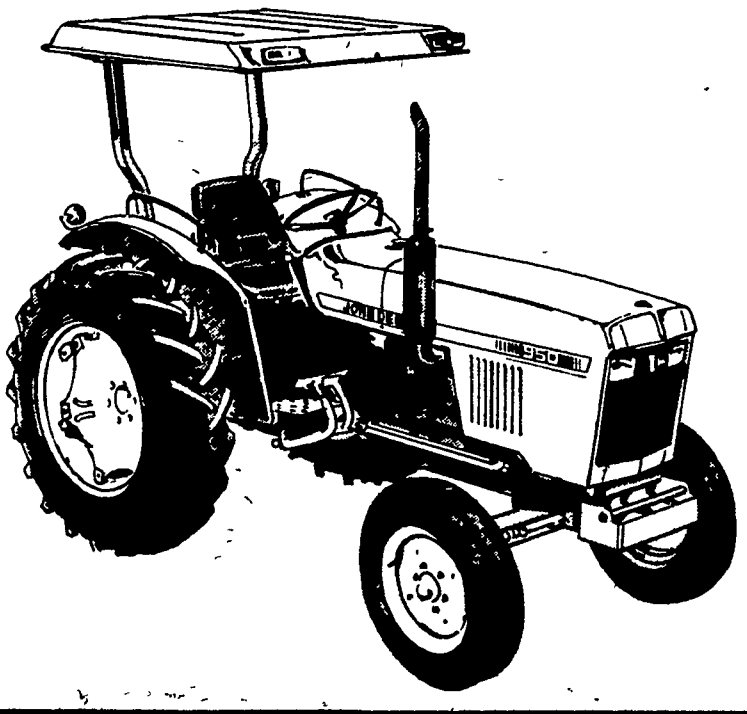

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* Maximum PTO hp at 2600 engine rpm for the 650 and 850 2400 engine rpm for the 750 950 and 1050 All ratings by official test, except for the 650 and 750, which are factory observed

Dela. farmers spoon-feed irrigated corn

NEWARK, Dela. — Boron and sulfur are as easily leached from soil in the corn root zone as nitrogen.

Soil tests on fields of farmers participating in the University of Delaware's irrigated corn project show low levels of boron. In most cases, they also show twice the sulfur in the subsoil as found in the topsoil where most of the roots are located.

In the silt loams of northern Delaware, there's more clay in the subsoil and sulfur accumulates there at levels 10 to 15 times higher than in the topsoil.

"Delaware research has not concentrated on the need for additional sulfur," says Extension agronomist William Mitchell. "But work in other southeastern states—notably Florida—has shown that multiple applications of sulfur as well as boron will pay off for irrigated corn."

He says that according to the Florida research, nitrogen and sulfur should be applied in a 10 to 1 ratio. If 20 pounds of N (as 30-percent nitrogen solution) is to be applied at each irrigation, 2 pounds of elemental sulfur should be added to the mix to achieve nutrient balance. This would require approximately 10 pounds of ammonium sulfate.

These materials and boron (Solubor) are compatible if a proper amount of water is used for dilution of the 30-percent nitrogen solution.

"Your fertilizer supplier can formulate the blend for you and will advise you concerning the need for agitation," says the agronomist.

Mitchell is suggesting Delaware farmers who are participating in the university's combined research and extension irrigated corn project try this blend on a limited acreage this summer.

The level of nutrients in participating cornfields will be monitored through tissue analysis so these spoon-feeding practices can be taken into account when yields are compared at harvest.

The recommended blend includes the following nutrients on a per-acre basis: 6 gallons 30-percent N solution (18 pounds N); 10 pounds ammonium sulphate (2 pounds N, 2 pounds S); 2 pounds Solubor (0.4 pounds B); 4 gallons water.

Five applications of the above will total 100 pounds N, 10 pounds S, and 2.0 pounds B per acre. The first application should go on when corn is two feet high. The last should coincide with tassel emergence.

Brown Swiss breeders head for California

BELOIT, Wisc. — The 101st National Annual Convention of the Brown Swiss Cattle Breeders' Association of the U.S.A. will be held July 15-18, 1981. Headquarters for the event will be the Sacramento Inn, Sacramento, California.

Activities begin with a registration and a reception on Wednesday evening, July 15.

Thursday morning plans include a Women's Program and special seminars. Seminar topics include "Milk Marketing" and "Reproduction and Sterility Problems."

Allan Grant, former president of the American Farm Bureau Federation, will be the Annual Meeting luncheon speaker.

At 1:30 p.m. Thursday, July 16, the National Annual Meeting will be called to order.

Other activities include banquet, tours and a barbeque.

Special activities have been planned for the juniors attending the convention.

On Friday evening a National Heifer Sale will be held poolside at the Sacramento Inn. A percentage of the proceeds of this sale go to National Youth Fund.

The convention concludes with the California National Sale on Saturday, 11 a.m. with the Cal Expo Fairgrounds in Sacramento.

Further details are available at the National Brown Swiss Office, Box 1038, Beloit, Wisconsin 53511. Phone 608/365-4474.

Open house June 21

FLEMINGTON, N.J. — Kuster Farms will open its doors to the public on Sunday, June 21, from 1 to 5 p.m. for Hunterdon County's eleventh annual Dairy Farm Open House.

Cooperating with the host family will be a committee of the Hunterdon County Board of Agriculture, the Cooperative Extension Service and New Jersey Farm Bureau.

"Plans are well underway for what might be out best dairy farm open house ever," reports Henry Kuehn, Jr., Raritan Township activity chairman. "Highlighting the day will be wagon tours of the 250-acre home farm to observe the crops grown on the farm, and the feeding and milking of the 100-plus dairy cows.

There will be artificial insemination demonstrations on the half-hour, a gentle cow or two for the experience of milking a cow by hand, feed exhibits, and a new film on the production of milk, says Kuehn.

The farm is operated by Ernest Kuster, Jr., and family. It had been purchased in 1939 by his father, Ernest, Sr., and has been operated as a family farm ever since. In addition to the 250 acre on the home farm, the Kusters rent considerable acreage for the production of corn, soybeans, wheat, barley, oats and hay.

Grain drying and storage equipment and facilities will be on view. There will also be the Kusters' array of field equipment on display.

Fresh milk and cheese snacks will be served during the afternoon by Hunterdon's Dairy Princess and this year's contestants.

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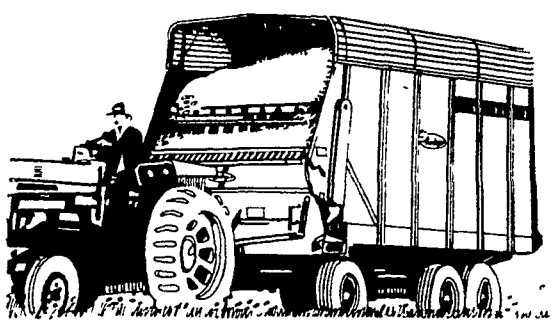

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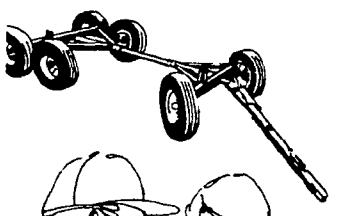

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Bradford County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1981

The following herds had an average fat production of 1 50/lb Herds with less than 10 cows are not included.

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT	% FAT
Eugene Homan	00	45.0	133 1			
William Brown	3	28.0	96.4	72 6	3.7	2 72
T & D. Elliott	B3	41 7	95 0	66 7	3 9	2 61
George M Shelly	3	35 2	93 8	54 9	4.7	2 56
Richard H Packard	3	51.0	95 6	64 7	3 8	2 46
Wayne H. Lamont	B3	40 0	93 1	70 7	3 4	2 43
C & K Crain	3	53 4	92.2	57.2	4.2	2 41
Donald E Harkness	3	50 6	95.2	58 5	4 1	2 40
B & S Hollenback	3	35 6	85.1	60 1	3 9	2 37
Windham Valley Fm	B3	42 6	88 6	61 0	3 9	2 35
Robert Taylor	B3	43 4	96 8	57.0	4 1	2 33
Dale Mattocks	3	66 1	93 8	59.3	3 9	2 32
Richard H Storck	3	38 0	95 5	62.9	3 7	2 32
M Kinsman & Son	3	105 1	91.7	55.2	4 1	2 29
John Kolesar Jr.	B3	43.7	93.1	56 0	4.1	2 29
Arthur D Wolf	B3	58 5	90 0	58.2	3 9	2.29
Earl J. Gamble	B3	42 0	84.7	53.6	4.3	2 28
Bradley Haflett	B3	31 1	93 0	59.3	3 8	2 27
Dawson & Dave Moon	3	44 3	93.9	57 7	3 9	2 23
Gerald Stethers	3	79 0	89 8	53 7	4 2	2.23
D Jennings Jr.	B3	104.1	88 6	59 5	3.7	2 23
S & C Jenkins	B3	44 5	99 4	55 8	4 0	2 21
Vernalder Farm	B3	51 0	94 5	62 7	3 5	2 20
Piercehome Farms	3	33 0	95 5	55 0	4 0	2 20
Leslie Freeman	3	55 2	95 6	55 4	4 0	2 19
Lyle D Monro	3	88 1	94 3	58 0	3 8	2 18
Duane Lewis	B3	41 0	95 8	59 2	3 7	2 18
Walters & Sons	G3	76 4	88 7	48 4	4 5	2 18
Carl McClelland	3	30 9	87 8	53 7	4 0	2 17
Fivebrooks Farm	3	72 0	90 9	58 2	3 7	2.16
D Jennings Sr	B3	30 0	88 9	58 0	3 7	2 15
Archie L Williams	3	71 3	84 9	55.2	3 9	2.13
Y Run Dairy Farms	3	86 1	86 8	55 4	3 8	2 12
Stanley Saxton	3	66 2	80 2	51 6	4 1	2 12
Ronald P. Davis	B3	35 0	90 8	54 1	3 9	2 12
C & R. Shaffer	B3	69 9	94 1	55 6	3 8	2 11
Wright Bros	2	75 7	90 9	43 6	4 8	2 10
Elsbree Bros	B3	67 7	91 2	57 8	3 6	2 09
Jay & Faye Good	G3	39 0	94 3	57 1	3 7	2 09
Clyde T Seeley	3	42 7	94 1	52 2	4 0	2 07
Clayton Oldroyd	3	28 0	95 8	51 3	4 0	2 07
Greland Farms	3	41 8	95 1	56 8	3 6	2 07
Wm Bruce Bresee	3	59 0	83 6	52 7	3 9	2 06
Russel L Jones	3	67 4	89 0	52 3	3.9	2 06
Merle Bacon	B3	37 0	91 3	50 8	4 0	2 05
Timothy Brennan	B3	42 3	91 8	53 0	3 9	2 05
Lazzell Watkins	B3	62 5	82 2	49 6	4 1	2 05
Ronald MacWhinnie	B3	43 1	95 1	48 4	4 2	2 03
Leona Holsteins	B3	49 0	95 4	56 1	3 6	2 03
Warren J. Roberts	B3	50 6	78 0	54 1	3 8	2 03
L & R. Cole	B3	57 0	88 6	50 9	4 0	2 02
C & M Elliott	B3	46.9	83 2	55 6	3 6	2 02
A & C. Harkness	B3	56 0	91 3	50 2	4 0	2 02
Ray & Larry Rowe	B3	55 0	92 8	53 5	3 8	2 02
Shores Brothers	B3	34 5	91 8	51 4	3 9	2 02
James Jenkins	B3	33 7	91 1	51 4	3 9	2 02
William J Smith	3	45 5	88.3	55.1	3 6	2 01
Paul D. McCoy	B3	75 3	88 9	51 8	3 9	2 01
Arlyn Wilbur	B3	47 4	89 0	49 8	4 0	2 01
Marvin Berry	B3	40 0	94 1	56 3	3 6	2 00
Calvin Watson Fm 2	4	60 8	92 1	35 8	5 6	2 00
George W. Lee	B3	54 1	78 6	51 5	3 9	2 00
V & R. Allis	B3	46 0	92 0	61 1	3 3	1 99
Dave L. Wright	B3	36 2	99 0	56 8	3 5	1 99
Elwin Roberts	B3	41 0	85 9	46 8	4 2	1.98
Snowcrest	B3	77 7	87 4	52 3	3 8	1 97
Richard Bristol	B3	36 0	90 3	51 7	3 8	1 96
Rodney Babcock	B3	84 8	99 8	52 9	3 7	1 96
Alfred Sparling	3	85 2	89 4	52 9	3 7	1.95
R & J Sechrist	B3	51 9	90.5	52 6	3 7	1.95
Thomas McCarty	B3	162 6	91 8	49 8	3 9	1 94
R & J Butts	3	43 3	87.2	48 5	4 0	1 94
Allen S. Andrews	3	76 4	91.1	54 4	3 6	1.94
W & R VanBlarcom	B3	66 0	96 8	50 1	3 9	1 94
Leigh Sturdevant	3	68 3	96 3	46 8	4.1	1 93
Dale R Petty	B3	40 0	91 8	51 7	3 7	1 93
D. & C Bagley	B3	51 0	83 3	50 7	3 8	1 93
H. Warner & Sons	B3	81 0	90 0	49 1	3.9	1 93
Davis Brothers	3	68 0	87 5	46 9	4 1	1.93
Summit Dairy Farm	B3	41 8	92 5	54 3	3.6	1 93
Fox Chase Farms	B3	144 8	89 3	48 9	3.9	1.92
H & G Alderfer	B3	33 1	97 0	50 2	3 8	1 92
Swamont Farms	B3	71 8	84 8	47 5	4.0	1 92
Roe Russell Jr	3	100.8	83 1	50.5	3 8	1.91
Lloyd Smeck	G3	51 0	95 2	50.9	3.8	1 91
Martin Kingsley	B3	50 1	94 0	44.6	4 3	1.91
L & B Miller	3	50.8	84 0	47.3	4 0	1 90
D & P Cole	B3	33.2	95 6	49 6	3 8	1.90
G & N Johnson	B3	85 0	92 6	43 3	4 4	1 89
Ponder Hill Farms	3	59 0	85 8	47.9	3 9	1.89
Ben Jackson	3	55.0	91 0	47.1	4 0	1.88
Roy Watson Farm 3	3	57.2	83 7	45 4	4 1	1 88
H & R Andrus	B3	170 8	91 5	49 8	3 8	1 88
Douglas Graybill	3	36 3	86 2	48 1	3 9	1 88
Marshall Watkins	B3	30 4	86 5	50 9	3 7	1 88
Gary S Ferguson	B3	35 0	94.9	48 5	3 9	1 88
Paul Robbins	B3	40 1	92.6	49 9	3 8	1 88
Dave L Wright	B3	36 0	94 4	54 2	3 5	1 88
Brown & Ely	G3	46 5	87.8	48 6	3 9	1 88
Shumhurst Farm	B3	65 1	90 7	50 6	3 7	1 87
Russell Stowell	G3	41 8	89 3	46 5	4 0	1 87
Robert H Whipple	3	60 7	94 8	49 0	3 8	1 87
A & C Harkness	B3	56 8	88 6	48 9	3 8	1 87
R Allen Rightmire	3	46 0	85 7	46 6	4 0	1 87
Philcrest Farm	B3	68 5	91 5	53 1	3 5	1 87
Halstead Bros	B3	71 1	88 8	49.5	3 8	1 87
Richard D Wheeler	3	58 0	85 0	49.8	3 7	1 86
D & D. Bennett	B4	79 5	96 5	32 6	5 7	1 86
R. & J. Sechrist	B3	49 3	88 8	51 8	3 6	1 86
Springcraft Farm	3	99 0	80 5	49.5	3 7	1 85
Ray Keeney	B3	74 7	93 6	47 9	3 9	1 85
Claude W Arnold	B3	36 0	88 2	47 8	3 9	1 85

(Turn to Page D16)

GOOD NEWS REBATES!

Get a big bundle back on MF Compact Tractors

Extra! Extra! ... here's a story you don't want to miss. Massey's now giving you back hundreds of dollars when you buy any new MF 2- or 4-Wheel Drive Compact Tractor. Or, if you choose, you can finance with Massey and pay no finance charges until Oct. 1, 1981. It's your choice. In today's economy, that's good news.

TRACTOR (horsepower*)	REBATE	OR PAY NO FINANCE CHARGES
MF 205/205-4 (20 eng hp)	$300	Until October 1 1981
MF 210/210-4 (25 eng hp)	$400	
MF 220/220-4 (31 eng hp)	$500	

*MFG RATED HP

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GOOD NEWS

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ACE-JURISTA, INC.
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LAWN CARE OF PA.
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700 E. Linden St.
Richland, PA
Ph: (717) 866-7518

MARLIN W. SCHREFFLER
Pitman, PA
Ph: (717) 648-1120

WEB SNYDER INC.
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Ph: (717) 538-5555

SWARTZ'S GARAGE
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Richfield, PA 17086
Ph: (717) 694-3861

ABRACZINSKAS FARM EQUIP. INC.
RD 1, Catawissa, PA
717-356-2323
(South on Rt. 42)

N. H. FLICKER & SONS, INC.
Maxatawny, PA
Ph (215) 683-7252

WYNNE'S GARAGE
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Canton, PA 17724
Ph (717) 673-8456

ZECHMAN FARM SUPPLY, INC.
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Ph (717) 374-7231

M. M. WEAVER & SON
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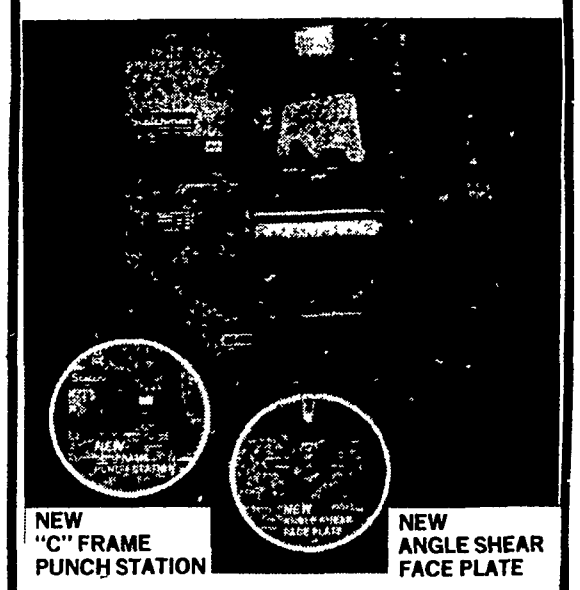

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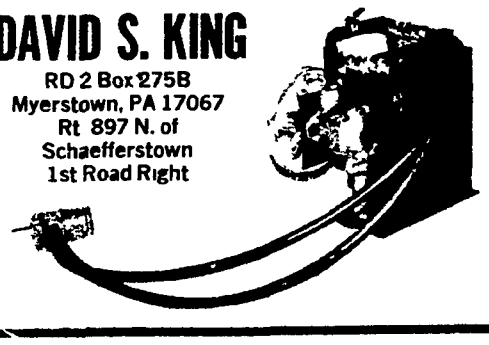

Bradford Co. DHIA

(Continued from Page D15)

G & A Landis	3	80 6	83 0	48 0	38	1 84
Elmer Constuck	3	59 3	82 3	46 0	40	1 84
Richard B Reagan	3	43 0	84 7	49 2	37	1 84
James Boor	B3	82 0	88 5	48 4	38	1 84
Paul Sargeant	B3	41 0	93 0	47 0	39	1 84
L Scott Shedden	B3	51 0	76 4	50 4	37	1 84
Robert S Thomson	3	74 2	85 6	45 8	40	1 83
R & G Burke	B3	74 5	94 4	43 4	42	1 83
Bob & Tom Murray	B3	94 1	83 1	50 0	37	1 83
Milton Sherman	3	39 2	92 4	48 2	38	1 83
Hutchinson & Sons	B3	41 4	95 5	51 9	35	1 83
John Culver	3	78 3	82 2	47 4	38	1 82
Cragle Knolls	B3	46 6	88 8	45 6	40	1 82
Frank Purcell	B3	24 0	90 4	50 4	36	1 82
Scott Moore	B3	79 3	82 2	46 5	39	1 82
JH Howard & Sons	3	65 2	90 5	48 9	37	1 81
Sheldon L Millard	3	53 8	88 8	49 8	36	1 81
S & L Cook	B3	28 0	85 0	46 4	39	1 81
Roy Watson Farm 1	4	75 0	84 9	33 5	54	1 80
G & J McMurray	B3	49 0	91 6	51 3	35	1 80
Dinger Bros	B3	49 0	79 6	44 0	41	1 80
Davis Brothers	B3	68 3	82 1	44 3	41	1 80
Champluvier & Son	3	58 6	80 3	46 7	3.8	1 79
Leland Jeffiff	B3	34 0	100 3	49 6	36	1 79
James L Powlison	3	38 0	90 5	48 5	37	1 79
Manleyview Farms	B3	49 0	90 0	48 0	37	1 79
D & J Egge	B3	59 8	82 0	45 7	3.9	1.79
Calkins Farm	3	68 9	88 6	48.0	37	1 79
H & R Dairy Farm	B8	35 1	77 5	43 8	41	1 79
James Howard	3	70 1	82.1	46 6	3.8	1 78
Warren J Roberts	B3	50 0	75 0	51 6	34	1 78
D & E Allis	B3	37 0	92.7	47 0	38	1.77
Myron Bristol	B3	40 8	89.7	50 8	35	1.77
Merle Watson	B3	55 6	92 3	46 9	38	1.77
Walter G. Wheaton	B8	53 4	86 7	45 3	39	1 77
Bride Brothers	B3	58 0	73 1	42 3	42	1 76
Barrett Brothers	B3	63 6	86 9	43 3	4.1	1 76
Alamont Farm	B3	44 9	88 9	47 1	37	1 76
J William Swingle	4	49 0	93 3	36 8	48	1 75
Morse Farm #2	B3	46 0	98 6	46 5	38	1 75
Robert W Cory	B3	56 0	81 4	40 5	43	1 75
Nancy K Bean	B3	26 1	83 8	47.4	37	1 75
Mrs Schucker Jr	3	33 6	86 7	47 2	37	1 74
Dennis Lehman	B3	50 9	86 2	49 4	35	1 74
Windy Mont Farm	3	56 8	89 9	43 7	40	1 74
O & D Hawthorne	B3	31 0	89 0	45 1	39	1 74
Pet Roypa Farm	3	43 5	88 3	45 9	38	1 74
Mapoval Farms Inc	3	87 7	84 1	42 4	41	1 73
B & D Tillinghast	3	94 8	90 2	45 1	38	1 73
H Russell & Sons	B3	52 3	78 1	41 7	41	1 73
Ralph Burgess	3	30 8	97 2	45 4	38	1 73
Roy Beardslee	3	96 1	89.1	44.6	39	1.73
Robert Seeley	B3	43.9	80.7	46.5	3.7	1.73
Clifton McMurray	B3	62 5	82 7	43.9	3.9	1 73
Ralph Tewksbury	B3	55 0	92 8	44 5	3.9	1 72
Harvey Hennip	3	38.0	93 1	48.1	36	1 72
Kenneth L. Prince	B3	67.1	85 8	45.6	38	1 72
B. Kilmer & Sons	B3	39.2	82.2	43.9	3.9	1 72
Kendale Farm Inc.	3	41 0	84 9	43.9	39	1 71
Shumhurst Farm	B3	64 0	84 5	45.1	38	1 71
D. & D Bennett	B4	83.8	95 1	31.4	54	1 71
J. A Van Blarcom	B3	43.0	96 4	44.0	3.9	1 71
F. & F. Furman	8	47.0	78 3	43.5	3.9	1 71
R D. MacWhinnie	G3	21.3	91.1	45.4	38	1 71
E & B Harris	4	52.4	85 2	33.2	51	1 69
Richard Jenkins	3	67.1	83 7	42 6	39	1 68
R. Allen Rightmire	3	47.4	83 6	41 4	41	1 68
Earl Browning Fm	B3	39.9	87 5	42 8	39	1 68
Peck Hill Farms	B3	94.0	81.5	47 7	35	1 68
Wilford Heater	B3	28 0	81.8	48 1	3.5	1 68
Lewstone Farms	G3	62 1	85 8	43.1	39	1 68
Madigan Farms	B3	89 5	87 1	47 1	3.6	1 68
Raymond Hoppaugh	3	76 6	82 4	48.6	3.4	1 67
William Smith	B3	74 5	91.9	45 4	37	1 67
J & J Showalter	B3	30 0	86.0	43 5	3.8	1 67
Bruce Andrien Sr	4	29 5	88.9	32 8	51	1 67

(Turn to Page D17)

KONETA — HIGH TEST
Starlite Son — Out cross Pedigree

29H3198 KONETA Lancelot VG-87

USDA, 1-81 — 50% RPT
24D., 18 H., 16,746M 3.7% 624F
PD +$127 +883M +.07% +42F
HFA PDT expected in July.

Roybrook Starlite EX-EXTRA
USDA PD +1406M +73F 98%Rpt 7/80
+ 24PDT 99%Rpt 7/80 HFA

Seiling Rockman EX-EXTRA
Roybrook Model Lass EX-11 STAR

Koneta Silver Astro Lynn EX-90-2E
Cow Index +1272M +36F
5-8 2X 365d 34980M 3 3% 1147F
Lifetime 1526d 121940M 3 5% 4284F

Paclamar Astronaut EX-90 GM
Koneta Silver Sky Julie F-67
3 2 2X 305d 16080M 3 6% 582F
Sire Dee Ann Silver Tim EX-90 GM

KONETA represents a fine cross of Starlite and Astronaut. His dam was an excellent 2E Astronaut daughter who made a high record of 1147 pounds of butterfat. **KONETA** is a fancy bull who is siring tall, strong, daughters with good width or rump, correct leg set, and outstanding rear udder and center support.

A milking **KONETA** daughter can be seen at the ABS Barn Meeting at J. Wilmer Conrad farm June 23, 1981.

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Lebanon, PA	Paul Martin	717-949-2381
Leola, PA	Lynn Gardner	717-656-6700
Port Murray, NJ	Robert Kayhart	201-689-2605
Prospectville, PA	William Tyner	215-542-8479
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Kirkwood, PA	Dan Rush	717-529-6548
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Linden, PA	Larry Bower	717-323-9710
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McClure, PA	Michael C Ewing	717-658-7316
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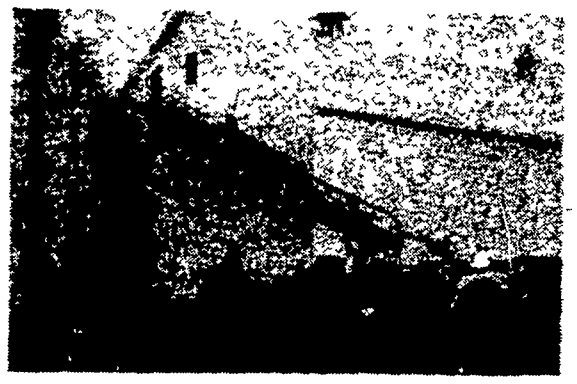

Contact
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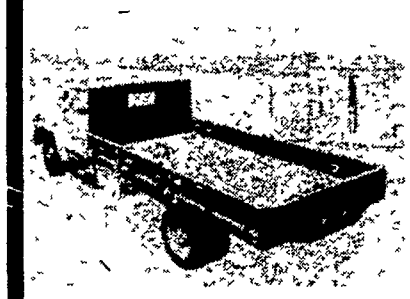
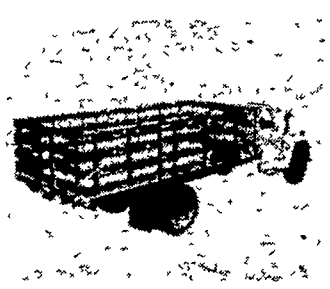
Job-planned. User-preferred.

Farmers Choice



Standard Contractor Body



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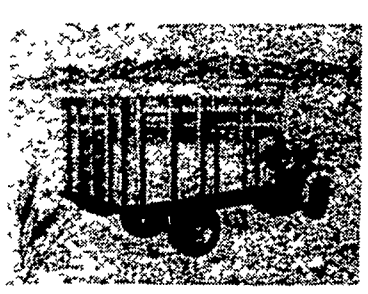

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Bradford Co. DHIA

(Continued from Page D16)

Joyce M Harvey	B3	34 9	84 8	47 1	3 5	1 67
Parks Knoll Farms	B3	96 9	89 9	45 1	3 7	1 67
D & J Bedford	B3	64 7	94 1	42 1	3 9	1 66
Robert B Tomko	00	30 0	86 5	42 3	3 9	1 66
Robert L Sturch	3	68 5	84 1	46 5	3 5	1 65
Jacob H Wrisley	B3	52 1	89 5	46 3	3 6	1 65
D Shedden & Family	G3	68 2	80 0	44 9	3 7	1 65
Kendall Strawn	B3	53 0	81 5	45 6	3 6	1 65
Galen Woodruff	G3	24 0	96 3	44 8	3 7	1 65
B R Young	3	64 0	91 2	46 2	3 5	1 64
Charles Harris	B3	40 7	90 2	42 1	3 9	1 64
William Eick	4	59 6	89 9	34 0	4 8	1 64
Raymond Hoppaugh	3	75 5	86 1	51 9	3 2	1 64
B Kilmer & Sons	B1	31 3	79 9	39 1	4 2	1 64
Twin Tower Farms	4	40 3	90 4	32 2	5 1	1 64
Kerryview Acres	B3	60 9	80 8	43 3	3 8	1 64
Wilcox Bros	2	78 7	91 2	34 0	4 8	1 63
Barry Bradley	B3	46 9	81 6	41 1	4 0	1 63
T & P Jenkins/Son	B3	43 1	91 2	46 4	3 5	1 63
Larry B Wright	B3	54 5	83 0	41 1	4 0	1 63
Le Canville Farm	3	57 0	80 2	40 4	4 0	1 62
Roof Farms	B3	32 0	79 2	40 9	4 0	1 62
FS & FW Furman	8	47 0	82 1	39 6	4 1	1 62
Hermit Hill Farm	B3	32 8	85 8	47 3	3 4	1 62
Gary Rockwell	3	49 0	86 2	41 5	3 9	1 61
Brackman Bros	2	90 2	82 3	34 1	4 7	1 61
East Knoll Farm	3	58 1	76 3	38 8	4 1	1 61
Rob Maple Hill Fm	B3	64 0	86.8	43 3	3 7	1 61
Duffield Farms	B3	48 0	90.3	39 6	4 1	1 61
Ron Lin Farms	B3	34 3	86.8	40 5	4 0	1 60
Wayne J Felter	G3	25 0	100 6	43 0	3 7	1 60
Francis Chaffee	G3	40 6	72 8	37 9	4 2	1 60
Donald Isaacs	B3	59 6	80 8	40 6	3 9	1 59
Wm S Davis Jr	B3	49 9	85.0	40 1	4 0	1 59
G Henry Turrell	B3	25 0	89 9	41 5	3 8	1 59
Ter-Mar Farm	B3	45 2	84 5	44 9	3 5	1 59
H & P Jennings	B3	43 2	83 7	42 5	3 7	1 59
Raymond Scrivens	B3	55 6	76 2	41 4	3 8	1 59
Russell Century Fm	B3	23 6	91 5	43 1	3 7	1 58
Gene Miller	B3	75 3	90 0	40 1	3 9	1 58
Milton A Brown	B3	43 0	84 4	42 1	3 8	1 58
Wm Hollenback	B3	48 3	80 5	43 3	3 6	1 57
Roof Farms	B3	31 7	80 4	38 2	4 1	1 57
M & L Wanck	B3	69 2	90 0	42 7	3 7	1 57
Frank Herman Jr	B3	40 0	73 4	41 2	1 56	
Morse Fm & R Morse	B3	46 1	90 2	42 0	1 56	
Ted Baldwins Dairy	B3	44 9	76 7	41 8	1 56	
Gerald W Twigg	B3	128 7	91 6	40 4	1 56	
W L Huntingdon & Son	B3	83 4	87 3	39 9	1 56	
Max & Andy Dewing	B3	49 1	77 5	41 5	1 55	
A & L Harris	4	49 7	84 7	29 9	1 54	
Donald L Jennings	B3	49 7	96 6	39 9	1 53	
Pinetop Farm	3	58 7	87 7	38 6	1 52	
Lyle Harkness	B3	41 9	92 0	38 6	1 52	
Jerry Pruyne	B3	62 7	72 8	36 4	1 51	
W L Huntingdon & Son	B3	81 6	88 3	38 2	1 51	
William Avery Jr	B3	65 3	83 9	37 6	1 51	
Ralph & Helen Bouse	G3	58 1	86 2	37 7	1 50	

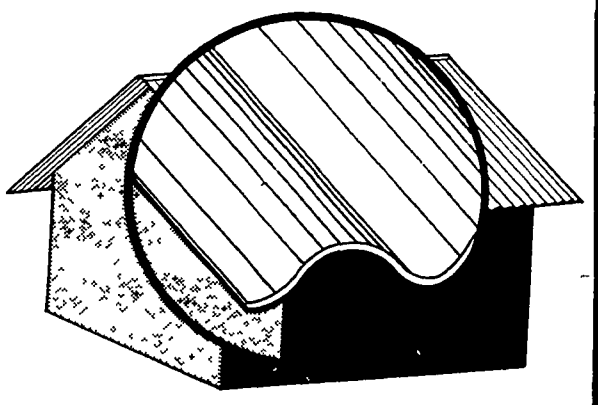
This reports all DHIA cows that have produced 700 lbs of butterfat or more in 305 days, PLUS 2 year old records of 600 lbs or more

OWNER NAME OR NO.	AGE AT CALVING	DAYS IN MILK	LBS. MILK	LBS FAT
Gary Rockwell				
Doris L	3	6	294	18,094	725
Y Run Dairy Farms				
Star	3	6	305	19,344	722
Abb6	3	6	305	20,871	850
Lucky 7	3	6	305	22,644	754
Janet	3	5	305	16,195	773
Ledna	3	2	305	16,783	786
James Mattocks				
Della	3	9	305	19,913	818
Penny	3	6	305	18,516	705
Mapoval Farms Inc				
Betty	3	5	305	18,630	719
Wm Bruce Bresee				
Pinn	3	6	305	21,383	881
Wright Bros				
Hatry	2	6	305	16,286	810
Dale Mattocks				
NancyJo	3	4	305	19,638	871
Russel L Jones				
Lonelle	3	7	305	16,603	712
Louisa	3	5	305	21,021	822
Roe Russell Jr				
425	3	6	305	24,736	789
Thomas McCarty				
250	3	2	300	17,456	680
378	3	2	305	15,857	626
328	3	2	305	15,208	613
John H Howard & Sons				
Starsky	3	4	305	19,546	812
John Culver				
Oggy	3	5	305	22,207	816
Lynn & Bonnie Miller				
Queen	3	12	305	14,836	753
Diane	3	7	305	23,077	868
Patrice	3	4	305	21,182	816
Shumhurst Farm				
Semi	3	6	305	23,242	844
R Champluvier & Son				
Debra	3	3	305	20,098	749
Ronald & Judi Butts				
Cook	3	3	305	19,365	736
Robert S Thomson				
29	3	5	305	20,779	730
56	3	2	305	16,206	615
Archie L Williams				
Payday	3	6	290	20,340	821
Spiral	3	3	252	21,228	750
Glen & Arlen Landis				
Eva	3	8	305	19,017	744
Rose	3	4	305	21,139	734
May	3	3	305	23,865	824
Laddie	3	3	305	19,817	743
Stanley Saxton				
Crissy	3	8	305	19,092	805
Erma	3	6	305	20,966	742
Fawn	3	4	305	21,012	1014
Ben Jackson				
Myra	3	2	305	15,622	643
Clarence & Keith Crain				
Gloria	3	3	305	18,848	764
Leonard Robert Cole				
Amadee	3	7	305	20,565	770
Donald E Harkness				
Emma	3	8	305	22,566	873
Pride	3	5	305	18,204	814
Pauline	3	5	305	22,287	809
Dumplin	3	3	280	18,836	807
Max & Andy Dewing				
Christy	3	7	305	21,368	724
Liza	3	6	305	18,317	702
Milford Kinsman & Son				
Angie	3	4	305	19,935	791
Belle	3	4	305	20,486	767
Lyle D Monro				
75A	3	9	305	19,599	780
1	3	6	305	23,376	919
Timothy Brennan				
Toots	3	2	305	14,637	664
Springcroft Farm				
Rena	3	6	305	21,447	879
Maude	3	6	305	23,018	817
Robert & Fred Seeley				
Nancy	3	5	305	20,499	727
Patrish	3	4	305	19,577	798

(Turn to Page D18)

Grandpa Snavely Says...

ARE YOU THINKING ABOUT ROOFING?



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SAVE 3 New Durashield is an acrylic coated, asphalt impregnated, cellulose fiber material that can't rust or corrode. It insulates and helps control condensation. It's immune to animal wastes, fertilizers and many chemicals. Whatever you're storing under Durashield, it's better protected so saves you money with less loss and/or less maintenance.

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New Durashield is sold and distributed throughout Eastern Pennsylvania by J.C. Snavely & Sons, Inc. of Lancaster, Pa. If you're interested in roofing your building, or as a dealer interested in stocking Durashield, contact us immediately.

Landisville, Pa. 17538

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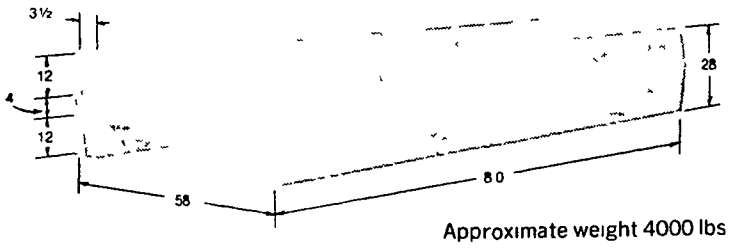

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Bright	3	12	305	20,336	814
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Broach	3	2	305	15,658	662
Roy Watson Farm 1					
Charm	4	5	305	13,838	821
Robert H Whipple					
Nat	3	8	305	17,137	720
East Knoll Farm					
Alma	3	2	305	15,568	697
H W Russell & Sons					
30 F	3	7	305	24,624	945
31	3	2	305	17,872	677
Ray Keeney					
108	3	6	305	20,927	807
Richard B Reagan					
Ann	3	8	305	18,306	741
Richard D Wheeler					
Alana	3	4	305	23,901	817
Narda	3	6	305	23,030	837
Duane Lewis					
2	3	6	305	17,393	712
Charles Harris					
26	3	6	305	14,592	729
LeCanville Farm					
Ella	3	5	305	21,487	756
Patty	3	4	305	20,352	767
Gene Miller					
320	3	6	305	16,891	813
Latini Brothers					
96	3	4	305	19,095	831
Swamont Farms					
Marge	3	4	305	17,069	712
Cragle Knolls					
Quandra	3	4	278	16,632	754
Paul D McCoy					
23	3	6	305	25,366	854
Windham Valley Farm					
Maple	3	5	300	20,623	770
Merle Watson					
Jolene	3	5	305	18,142	713
Garry & Nancy Johnson					
28	3	7	305	14,724	775
25	3	6	305	16,156	769
3	3	6	305	21,750	928
17	3	3	305	15,766	803
84	3	5	305	15,460	717
80	3	4	305	17,647	708
97	3	2	305	20,888	772
Dale & Donna Bennett					
Gina	4	5	305	15,827	739
Teri	4	4	305	13,776	705
John Kolesar Jr					
Marlee	3	2	289	14,357	624
Claude W Arnold					
2	3	8	305	21,014	825
32	3	7	305	20,067	883
Bob & Tom Murray					
95	3	4	305	19,417	734
Bob & Sandy Hollenback					
Lilac	3	8	276	19,113	792
R Allen Rightmire					
Valenti	3	6	305	19,378	707
Pam	3	5	305	19,337	729
Jenny	3	6	305	19,239	753
Raymond Hoppaugh					
Shelby	3	5	305	18,450	810
Roy Beardslee					
56	3	3	305	18,886	793
Alfred Sparling					
Lucy	3	7	305	20,731	724
Lazzell Watkins					
1041	3	7	305	18,134	815
Roof Farms					
Denise	3	6	305	19,512	708
Alice	3	3	305	19,675	788
Vernalder Farm					
Louise	3	2	305	17,445	607
Arlyn Wilbur					
49Y	3	2	305	13,867	682
Arthur D Wolf					
10	3	2	305	15,714	600
Allen S Andrews					
Jolly	3	4	305	22,887	838
Pam	3	4	297	20,193	761
Easter	3	4	294	19,277	709
Starlit	3	3	305	19,573	753
James A VanBlarcom					
Janet	3	3	305	16,836	757
Mrs Mark Schucker Jr					
Valerie	3	4	305	19,823	732
Leona Holsteins					
Clemntn	3	5	305	21,591	710
Kenneth Walters & Sons					
105	3	4	258	15,920	852
Dale Shedden & Family					
87	3	6	305	19,256	717
Ter-Mar Farm					
Cindy	3	5	305	20,534	801
Walter G Wheaton					
Susie49	3	5	305	22,348	718
98	3	5	305	18,590	700
Ronald P Davis					
Ginger	3	5	305	14,677	707
Ponder Hill Farms					
Job	3	2	305	17,958	608
Donald Jennings Jr					
106	3	6	305	22,280	874
Snowcrest Farm					
Stella	3	5	305	18,574	786
James Boor					
Martha	3	11	305	19,343	713
Carmel	3	9	305	16,525	764
W And R VanBlarcom					
88	3	3	299	15,786	723
Chas & Tina Crocetti					
Jean	3	8	288	17,930	733
Douglas Graybill					
Donba	3	5	297	18,396	716
Petunia	3	4	305	21,234	712
Leslie Freeman					
5648	3	7	305	17,558	775
Warren J Roberts					
Molly	3	6	295	21,492	746
Bruce A Andrien Sr					
Spunky	4	2	305	10,939	656
F S & F W Furman					
Duffy	9	5	305	17,644	722
Hilda	9	5	305	16,274	735
Elsbree Bros					
95	3	4	301	19,802	712
131	3	4	305	24,780	869
Peck Hill Farms					
17	3	5	272	19 449	772
49	3	5	291	18,629	775
Halstead Bros					
54	3	6	305	15,262	724
Nancy K Bean					
Trudy	3	5	305	18,036	792
Gary S Ferguson					
Gwen	3	6	305	18,573	731
Madigan Farms					
7	3	7	305	20,461	772
Romaine & Jeff Sechrist					
Silva	3	3	305	19,128	722
James Jenkins					
Elouise	3	7	305	22,828	744
Dave L Wright					
Kate	3	6	305	18,561	729
Madigan Farms					
66	3	2	305	15,648	612

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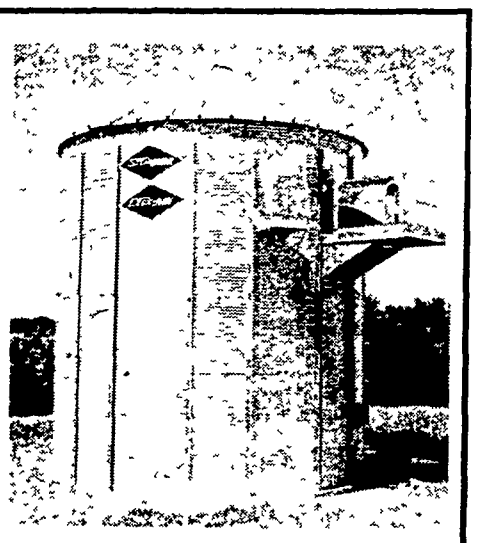

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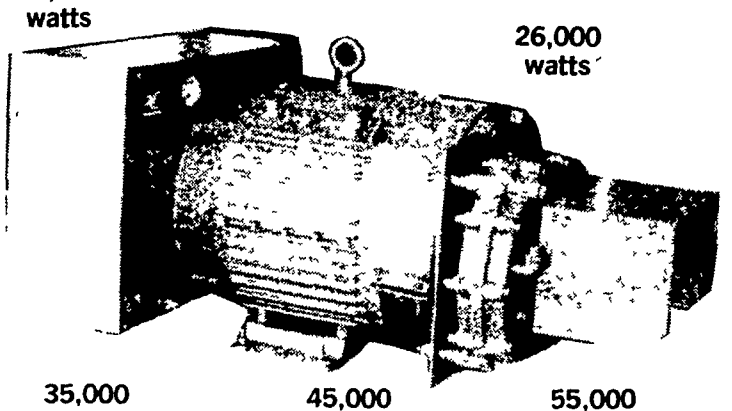

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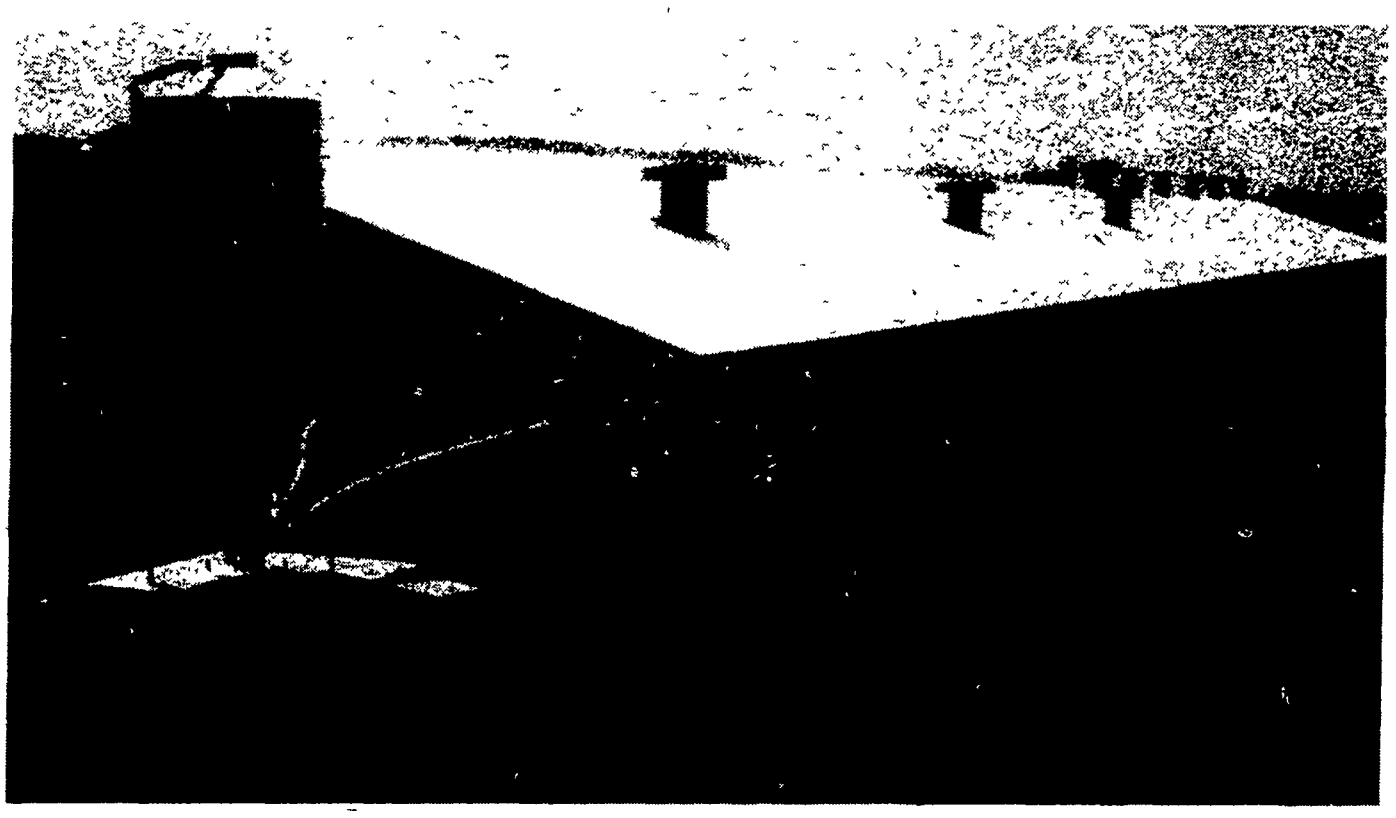

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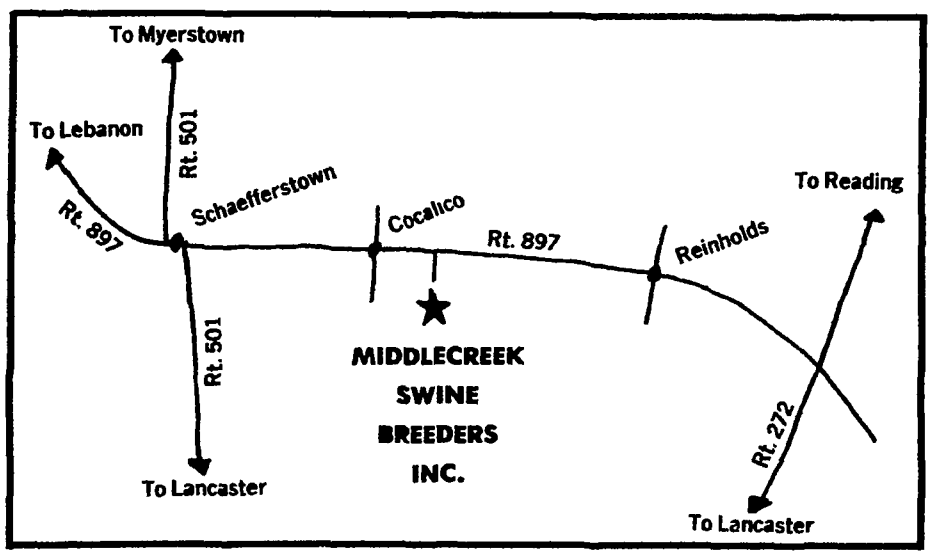

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Milking time hygiene prevents udder infections

Roger W. Mellenberger
Associate Professor
Department of Animal Science
Michigan State University

EAST LANSING, Mich. — Mammary gland infections (mastitis) are caused by several types of bacteria. Some pathogenic bacteria (Staphylococcus aureus, Streptococcus agalactiae and Streptococcus nonagalactiae) survive well on teat skin and on milk while other bacteria survive throughout the environment in mud, manure, stagnant water and other unsanitary places.

Since mastitis is a function of the numbers of organisms at the teat end, prevention of mastitis is dependent on reducing pathogens within a cow's environment. Effective milking time hygiene can prevent many cases of mastitis by minimizing transfer of bacteria from cow to cow during milking.

To prevent mastitis the milking procedure should be divided into three phases: pre-milking teat sanitation (prepping); post-milking teat disinfection; teat cup liner sanitizing between cows (manual or automatic backflushing).

Pre-milking teat sanitation

During prepping the dairy producer is preparing the cow for milk letdown as well as cleaning or sanitizing the teat. It is recommended, in order to maximize both milk letdown and teat end sanitation, teats should be washed and dried completely. Drying of teats with a single service paper towel improves machine function as well as milk letdown.

Sanitation of the teat prior to machine attachment is the first step in decreasing bacterial contamination of milking equipment.

Iodine at 200 ppm has been shown to be the most effective premilking sanitizer Use of 200 ppm iodine in the water supply during hand washing of teats in parlors or in fresh bucket water for stanchion barns will result in a 90 percent reduction of 'Staph' colonies and a 98 percent reduction of Coliform colonies.

Use of warm water alone results in 0 percent reduction of 'Staph' and a 72 percent reduction of Coliform colonies.

Chlorine at 500 ppm is an effective teat sanitizer but does not work well for in-line use, that is, metering into the parlor water supply for teat washing.

Therefore, in a parlor milking system a cow's udder and teats should be washed for minimum of 10-15 seconds with clean running water containing 200 ppm iodine. The iodine can be accurately metered into the water supply.

Water for washing teats should be minimal, that is, enough to wash the teats and base of the udder. Too often, washing the side of the udder will result in collection of suspended dirt and manure at the top of each inflation. Use of excess water increases bacterial contamination of teats, inflations and milk supply and potentially, increases rate of mastitis.

Following washing, teats should be dried with single service paper towels (1 or more per cow). Almost any type of paper towel will suffice for drying teats.

Drying of teats reduces bacterial contamination on teat skin, improves milk letdown, decreases liner (inflation) slippage and reduces iodine concentration in milk. It is essential that teats be dried when prep stalls or excess water are used.

A stanchion barn prepping procedure should include bucket of clean water containing 200 ppm iodine and single service paper towels (heavy duty). A paper towel is immersed or dipped in the iodine wash water and then used to wash a cow's teats and udder. Drying can be done with the same towel or clean towel.

Post-milking teat disinfection

Several methods and compounds have been used to kill bacteria on teat skin following machine removal. The most effective method has been teat dipping with 10,000 ppm (1 percent iodine + emollients, 40,000 ppm (4 percent chlorine or 5,000 ppm iodine + 1% emollients.

Spraying the teats with a hand sprayer is an effective method if teats are covered with 10,000 ppm iodine with emollients. In most cases dairy producers do not take sufficient time with a hand sprayer to adequately cover all four teats. Therefore, dipping is the superior method of applying a post-milking sanitizer.

Another method of applying a post-milking sanitizer is through the use of floor installed automatic or milker-activated teat sprayers containing 10,000 ppm iodine.

The automatic sprayers would be of major importance in parlors with automatic "take-off" milking units. Milkers would not have to return to each cow to dip or spray teats. In addition, lag time from machine removal to application of postmilking sanitizers could be reduced.

California workers have shown that floor teat sprayers were successful in covering 96 percent of teat ends with germicide. In an 8 month trial with 240 cows, application of post-milking sanitizer by automatic teat sprayer or hand dipping was comparable in bacterial kill on teat skin and prevention of infections.

Basic problems with automatic sprayers are irritation to milkers from fine mist, variation in coverage resulting from cow size difference and maintenance of equipment.

Teat cup liner sanitation between cows

The benefits of sanitizing liners between cows is unlimited. Prevention of bacterial transfer from infected to non-infected cows would be highly beneficial.

A major problem with liner sanitation has been use of contaminated water, air lock in milker units and inadequate surface contact time. Dairy producers are not willing to spend adequate time to totally flush claws, hoses and liners between cows for full sanitation.

English workers had shown several years ago that pasteurization was the only adequate measure to sanitize liners. However, recent work in California has shown that "backflushing" can be used to sanitize milking units.

(Turn to Page D21)

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Egg Board suspends assessments

WASHINGTON — The American Egg Board, with approval from the U.S. Department of Agriculture, has suspended assessments on egg production for the months of June and July.

Thomas H. Porter, an official with USDA's Agricultural Marketing Service, said the board's action is intended to provide relief to egg producers suffering income losses due to current marketing conditions.

Porter said the American Egg Board uses assessment revenues to conduct national advertising, promotion, research and consumer education on eggs. He said the scheduled advertising program will be continued through 1981. Suspension of assessments, estimated to amount to a loss of about a million dollars in revenues, will require a cut back or elimination of less essential activities this year and in 1982.

The American Egg Board operates a program authorized by The Egg Research and Consumer Information Act. The act provides for an assessment of up to 5 cents per 30-dozen case of eggs to be paid for egg producers. The 5 cent rate was approved in a producer referendum in 1975 and has been in effect since August 1976. The board has the authority to set the assessment rate at any level from zero to five cents per case, subject to USDA's approval.

Although assessments will not be collected for June and July, recordkeeping and other administrative requirements will be carried out during the suspension period.

Milking hygiene

(Continued from Page D20)

Backflushing simply means that water, sanitizer and air are moved backwards through the milking unit to flush hoses, claws and liners. An automatic backflush system using 25 ppm iodine as the flush solution with a pre- and post water rinse and air drying results in a 99 percent reduction in bacterial contamination on liners. Theoretically, this means that an infected cow milked first in a parlor should have little influence on subsequent cows.

Backflush systems are used on several farms on the West Coast to aid in prevention of Coliform and Mycoplasma mastitis. However, the 25 ppm iodine solution also reduces 'Staph' by 100 percent, so backflushing may have an influence on the spread of 'Strep' and 'Staph' infections as well as Coliform.

Automatic backflush systems are being installed on Michigan dairy farms. The full automatic backflush system is costly and somewhat noisy. The cost of the first backflush systems in Michigan was approximately $20,000 - 30,000 for 12 units. This does not cover additional costs for water, sanitizer and air.

Dairy producers considering backflush systems should visit ongoing installations during milking time to get a better understanding of the system. They should then consider the cost and potential benefits of such a system. A large dairy herd milked with hired labor may be one justification.

Milking time hygiene is a major key to mastitis control. Opportunity for the spread of infections and contamination of the milk supply is highest during milking. Dairy producers using excellent pre- and post milking sanitation programs find prevention of mastitis can be easy. Despite high costs, backflush systems could be of benefit.

Techniques and mechanical devises cannot substitute for clean cows and good management, but a full milking hygiene program can aid in prevention of mammary gland infections.

June is dairy month

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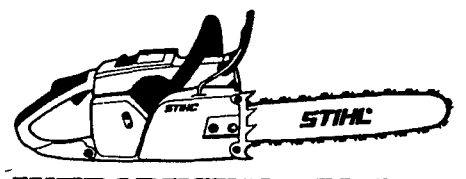

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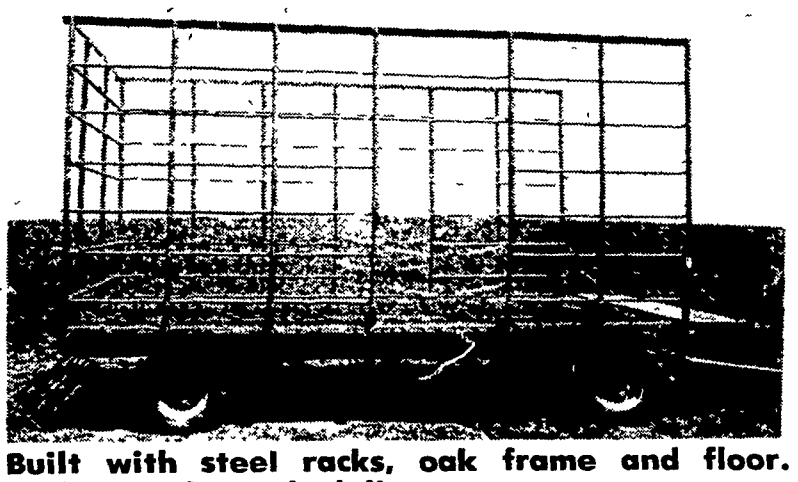

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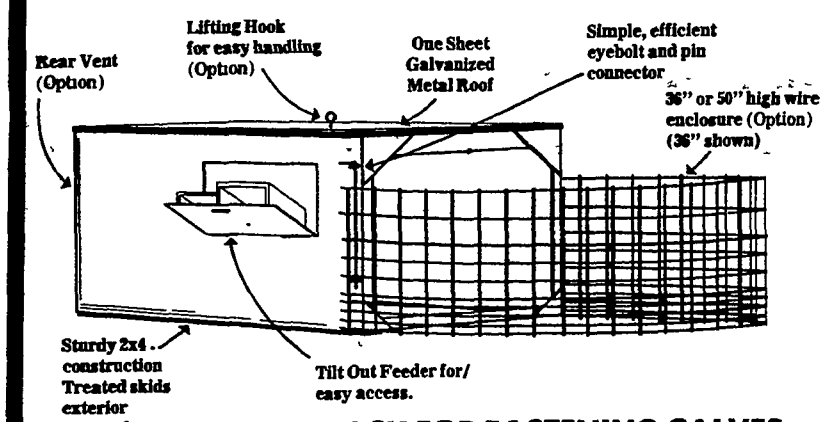
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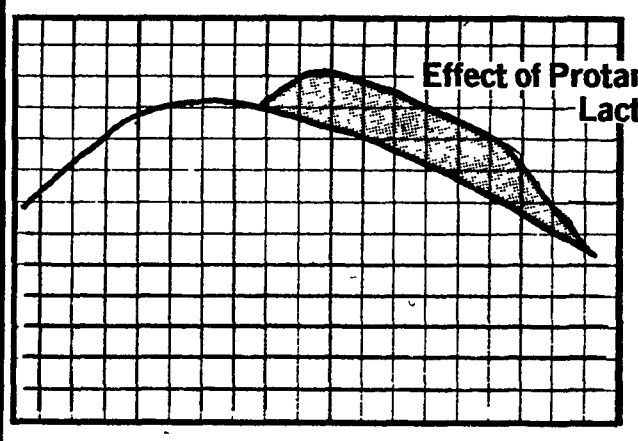

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Landuse inventory in Franklin Co. runs ahead of schedule

CHAMBERSBURG — "The Natural Resources Inventory presently underway in Franklin County is progressing better than expected" says Charles Worrilow, soil conservationist for the Chambersburg Field Office of the USDA Soil Conservation Service.

"If things continue as well as they have been, we will finish the field work in August", he reports.

The Inventory is being conducted as part of a national effort on the part of the Soil Conservation Service to quantify present land use, urban sprawl, soil limitations, soil erosion, and sediment damages.

The data is being collected by traveling to 303 sites within the county. Each site is 108 acres in size and has three points which will be checked. The points and sites have been randomly selected by computer to eliminate bias in the selection process.

When the field work is completed, the data will be processed in order to provide guidelines for long-range planning of soil and water resources. The information will then be made available to the people who make decisions which involve our resource base.

For more information concerning the Natural Resources Inventory, contact USDA Soil Conservation Service, 550 Cleveland Avenue, Chambersburg, PA 17201, phone 717/264-7013.

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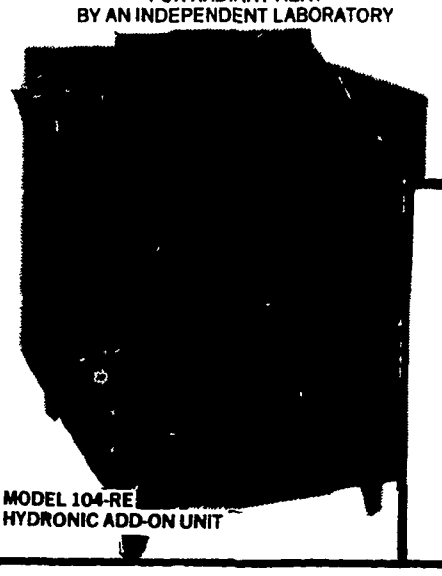

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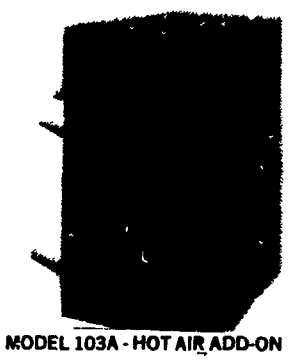

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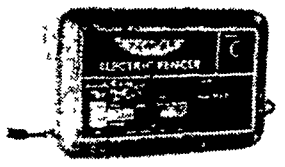

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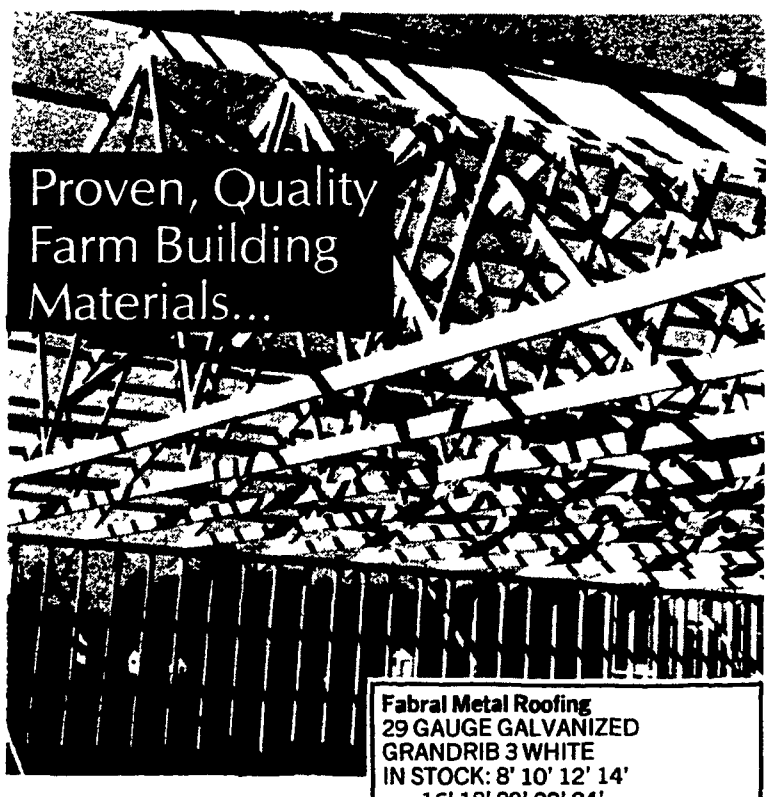

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PGC eases regs on deer disposal

HARRISBURG — Dramatic increases in vehicular fuel costs coupled with ever diminishing outlets to handle deer accidentally killed on the state's highways has caused the Pennsylvania Game Commission to adopt a more liberal disposal policy. The Commission has also adopted new regulations concerning the disposition of deer taken illegally by poachers, or destroyed by farmers for crop damage.

Effective August 1, the operator or any occupant of an automobile which hits and kills a deer may claim the carcass. The operator or any occupant of an automobile which happens upon a deer accidentally killed on a highway may also claim the carcass.

The only requirements are: the individual claiming the deer must report the incident to a Game Commission officer within 24 hours. The officer will then issue a permit good for up to 120 days.

The permit will indicate how the deer will be utilized, what is to be done with the head and hide, and any other conditions required by the issuing officer. The deer is to be retained on the premises of the person to whom the permit is issued unless otherwise provided.

A slightly different policy will govern disposition of deer which have been otherwise accidentally killed, or have been killed illegally, or have been destroyed for crop damage and are not retained by the person doing the shooting.

If the deer has been illegally or accidentially killed (other than on a highway), or destroyed for crop damages, and is fit for human consumption, the carcass may be given to any institution, or to any Pennsylvanian the game protector determines is needy.

In such instances, the game protector will issue a permit valid for up to 120 days.

The permit will indicate how the deer will be utilized, what is to be done with the head and hide, and any other conditions which may be required. The deer must be retained on the premises of the institution or person to whom the permit is issued unless otherwise provided.

Deer unfit for human consumption may be given to any Pennsylvanian for any purpose on a Commission permit valid up to 120 days. The permit will state how the carcass is to be used, disposition of the head and hide, and outline other conditions required by the issuing officer. Again, the deer must be retained on the permittee's premises unless otherwise specified.

Md. expands gypsy moth quarantine

ANAPOLIS, Md. — In the face of the worst threat from tree defoliating gypsy moths in recent years, Maryland is now subject to an expanded federal gypsy moth quarantine in an effort to limit the spread of the insects.

The quarantine, imposed by the Animal and Plant Health Inspection Service, (APHIS) of USDA, in cooperation with the Maryland Department of Agriculture, now includes all of Baltimore City, Baltimore, Carroll, Cecil, Frederick, Harford counties and portions of Montgomery and Washington counties.

Featuring "High Risk" and "Low Risk" zones, the quarantine is aimed at preventing the movement of uninspected regulated items in an effort to prevent freshly laid eggs masses being introduced into non-infested areas.

Regulated items include nursery stock, firewood, logs and pulpwood, mobile homes and recreational vehicles. In brief, it is now illegal to move such items out of a "High Risk" area into an unregulated area without prior inspection. Such items may be moved into "Low Risk" areas without inspection and also can be moved from unregulated areas into low and high risk areas without inspection.

Persons wishing information as to inspection procedures should contact the office of Harold Smith, Officer in Charge, Plant Protection & Quarantine, USDA-APHIS, in Beltsville at 301-344-2527.

Md. gets marketing grant

ANNAPOLIS, Md. — Maryland is one of 14 states and Puerto Rico that will share in U.S. Department of Agriculture marketing grants totaling $636,159.

The state will receive $40,650 to help fruit and vegetable growers sell directly to retail food stores. The project will be carried out in cooperation with the National Association of Retail Grocers and its affiliates in Maryland and Virginia.

The grant is being made under the Federal-State Marketing Improvement Program administered by USDA's Agricultural Marketing Service. Maryland will match the federal money with state funds, which may come from public or private sources.

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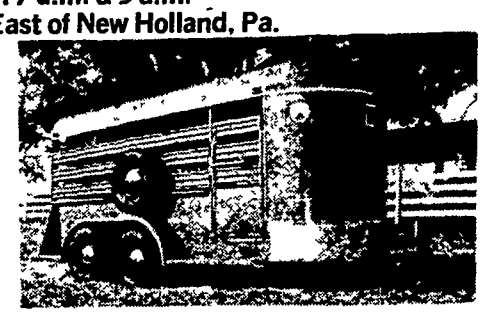

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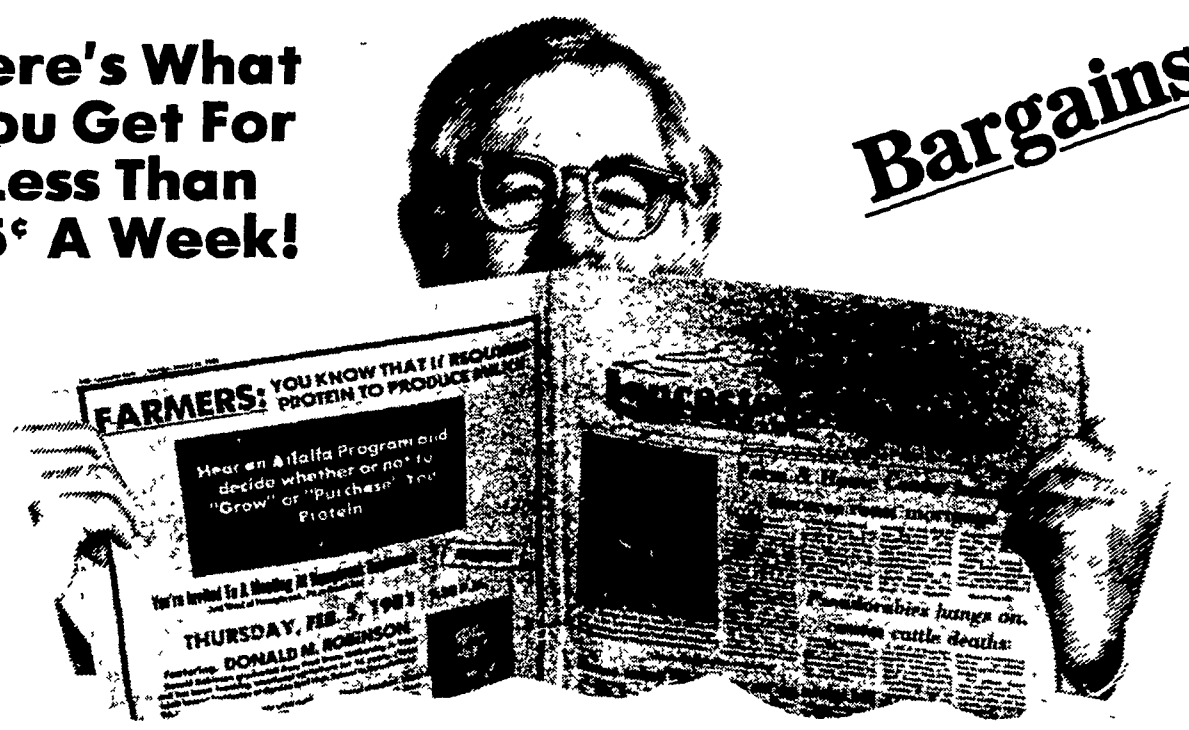
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Nature, too, can pollute

WASHINGTON, D.C. — Warning: Nature may be hazardous to your health. Sometimes on its own it can even violate federal pollution standards.

A natural accumulation of mercury has contaminated fish in a Utah lake. Acidic runoff has left some Appalachian streams lifeless. Unusually high ozone levels have been detected in rural air. But so far there appears to be no evidence of "killer trees."

When it comes to polluting the environment, nature has to take second place behind the combined forces of man, industry, and the automobile. Across the country, however, scientists recently have begun to try to assess nature's role in the contamination of air, water, and soil.

"We are looking at things we've never looked at before, partly because of the continuing problem of carcinogens," explained Dr. Clarence Lance, nation research program leader for environmental quality at the Department of Agriculture.

Difficult to Measure

In trying to sort out the sources of pollution, man is finding it difficult to take a measure of nature. Some scientists believe that nature in certain cases contributes to pollution, but they still don't know how much.

Alone, they generally agree, nature does not appear to have done too much damage so far, except in some isolated instances. But when the chemicals it naturally releases combine with what man puts into the air, for example, the results under certain circumstances can be harmful enough to affect living things.

"Even if the entire country were covered with forests, the trees by themselves could not produce ozone," said Dr. Joseph Bufalini, an environmental sciences research chief with the Environmental Protection Agency. "But add emissions from automobiles or power plants or herbicides, and then the hydrocarbons the trees naturally release can act as an agent to produce the harmful ozone."

EPA recently authorized a $114,000 research project to study how certain kinds of trees contribute to the formation of ozone, an irritating form of oxygen. It is a major component of smog.

The idea of delving into "natural" or "background" pollution – to find out what contaminants, if any, are already there – is a long-range and controversial issue.

"Nature must be taken into consideration if we are to know how hazardous pollutants are building up in the United States," Bufalini said. "Ther has to be a starting point to properly assess long-range pollution trends."

Blaming It on Nature

Industry also has taken an interest in discovering the extent of nature's own pollution in an attempt to turn attention away from the industrial contribution. In some already heavily polluted regions, for example, industry officials have actually calculated the number of trees that could be cut down to offset the anticipated additional pollution from a proposed new industrial plant.

And on the campaign trail last year, Ronald Reagan added fuel to the fire by pointing out the "polluting" powers of trees and volcanoes. Within the scientific world, there is some disagreement over whether something that is naturally present in the environment can legitimately be labeled a pollutant.

What are some of the possible natural causes of pollution? In the air, hydrocarbons, ozone, radiation, and, particularly in marshland, sulfur compounds. Some scientists, for example, are attempting to measure the amount of ozone that may be seeping down from the stratosphere, where it is a necessary shield of the sun's ultraviolet rays, into the lower atmosphere, where it is harmful.

In water, the steady stream of sediment from natural runoff, metals such as mercury and copper, and salt. Metals and salt are more commonly found in rivers and ground water in the West. Along the coast there is natural seepage of oil from the ocean floor. In soil, there can be deposits of salt and metals such as lead, calmium, iron, and uranium.

Volcanoes and Pollen

And there are the more dramatic examples: sulfur dioxide spewed into the air by volcanic eruptions like Mount St. Helens; thermal and chemical contamination from the many forest fires that are touched off by lightning; the well-known haze in the Great Smoky Mountains that may be caused by the trees themselves; and the widespread proliferation of pollen.

Dr. William L. Graf, an associate professor of geography at Arizona State University, is investigating what he calls "a classic case of natural pollution":

(Turn to Page D25)

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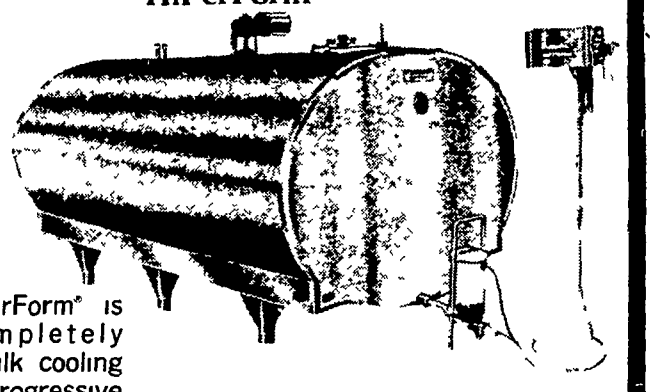

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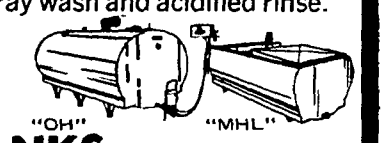

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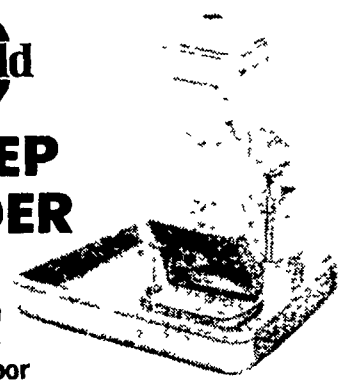

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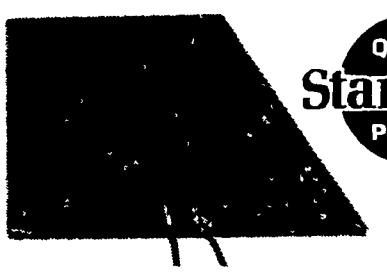

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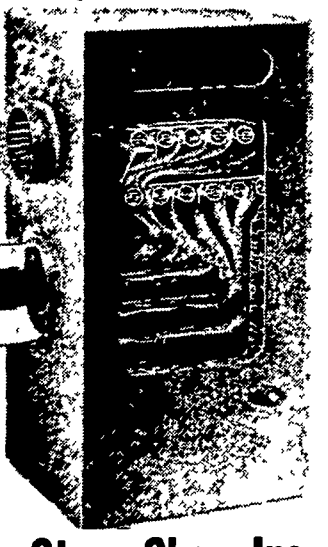

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Developing a 'feel' for 4WD tractors

DES MOINES, Ia. — Making the switch from a two-wheel-drive to four-wheel-drive tractor can be quite a change. Sheer size, special convenience and adjustment features, and articulated steering all give a 4WD tractor a different "feel" from the operator's seat.

So before you take your first 4-wheel drive, consider these tips from Jim Lacina, Massey-Ferguson tractor specialist.

(1.) Be conscious of engine warm-up. "When you first start the tractor, let it idle for two to four minutes," Lacina suggests. "This warm-up allows bearing surfaces to become adequately lubricated and oil to fully circulate throughout engine passageways."

(2.) Learn how to handle articulated steering. Lacina says this feature is standard on all MF 200-hp-and-above 4WD tractors, as well as many other 4WD units now on the market. When turning an articulated steering model, the tractor bends in its middle on a pivot joint. That moves the front and rear of the tractor at the same time, occasionally creating a tendency for an attached implement to swing while turning.

"It's really not a problem," Lacina says. "But you should be aware of it and watch the implement behind you until you become more familiar with the tractor and implement."

(3.) Keep an eye on gauges. "Modern 4WD tractors are equipped with very quiet cabs," Lacina says. "So you must closely watch gauges to monitor tractor operations."

(4.) Understand electronic draft control. This feature was recently introduced in the American marketplace as an optional feature on MF's 4000 series 4WD tractors. "Essentially, the draft sensing load is transmitted by electronic signals instead of mechanical linkage," the MF expert explains. "So the amount of elasticity, warpage and slack in the linkage is significantly reduced, providing a greater degree of implement control. This helps increase fuel efficiency."

(5.) Don't waste the tractor's power. "When you look at costs of running the tractor – including fixed equipment cost and all operating costs – by far the largest expense is the fixed cost," Lacina says. "Therefore, to make best use of your investment, equip and operate the tractor to take advantage of its available horsepower. Best fuel efficiency also is realized that way."

(6.) Be cautious with the turbo charger. Lacina warns that while a turbocharged engine can stand intermittent overloads to pull you through tough spots, you shouldn't continually run any tractor in an overload condition. Overloading increases tractor wear, and can cause turbocharger damage by overspeeding. Most manufacturers install an exhaust gas pyrometer to warn when this condition approaches.

Turbocharger problems can also occur if the tractor is immediately shut down in a full-load condition. When that happens, the charger will continue to run for an additional minute or two. Because the engine oil pump has stopped, you'll quickly lose all lubrication to the turbocharger and cause damage to its bearings.

Also, Lacina says a full-load shut-off can create a rapid decrease in engine exhaust temperature. "This abrupt change can warp the blades in the turbocharger, leading to expensive repairs," he explains.

Recommended practice for shutdown is to stop the tractor, idle the engine for one to three minutes, then turn it off.

Cereal crops highlight field day

UNIVERSITY PARK — The center for cereals research at Penn State University announces a field day to be held on Wednesday, July 1, from 9:30 to 4 p.m. at the Agronomy Farm, Rock Springs Research Center on route 45, west of Pine Grove Mills.

The topics that will be discussed include: new varieties of wheat and oats, spring wheat and barley management, and seed and fungicide trials.

The discussions will be lead by researchers from the center for cereals research.

In addition, there will be a herbicide tour conducted on July 2. Discussions will center on new weed control chemicals for both corn and alfalfa.

There is a steak cookout scheduled for Wednesday evening following the cereal tour. The participants will include members of the herbicide tour and agronomy faculty. This meal will be free.

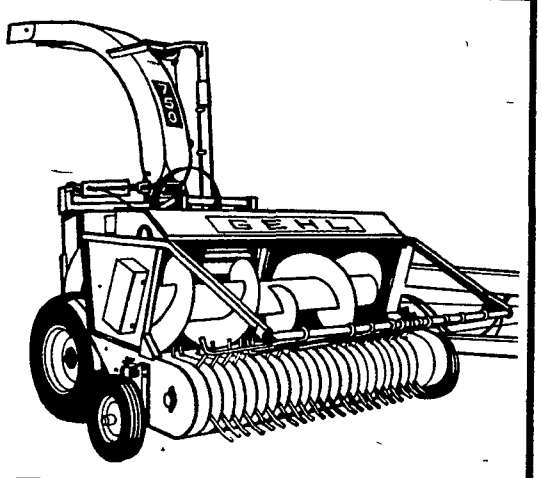
For more information on the tour or to sign up for the steak dinner contact Dr. O. Elwood Hatley, Extension Agronomist, Agronomy Extension, 106 Agriculture Administration Building, University Park, Pa. 16802, by June 25.

Pollution

(Continued from Page D24)

mercury concentrations that contaminated fish in a lake that straddles Utah and Arizona. Measurements at the bottom of Lake Powell in the early 1970s revealed levels that exceeded the EPA standards.

"The natural weathering of hundreds of square miles of barren sandstone and shale in areas upstream from the lake has sent unusually high concentrations of the heavy metal down the drain," Graf said. With a grant from the National Geographic Society, he is tracing the source and movement of the mercury.



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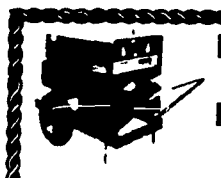

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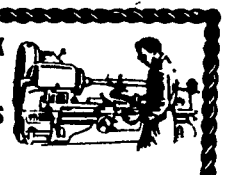

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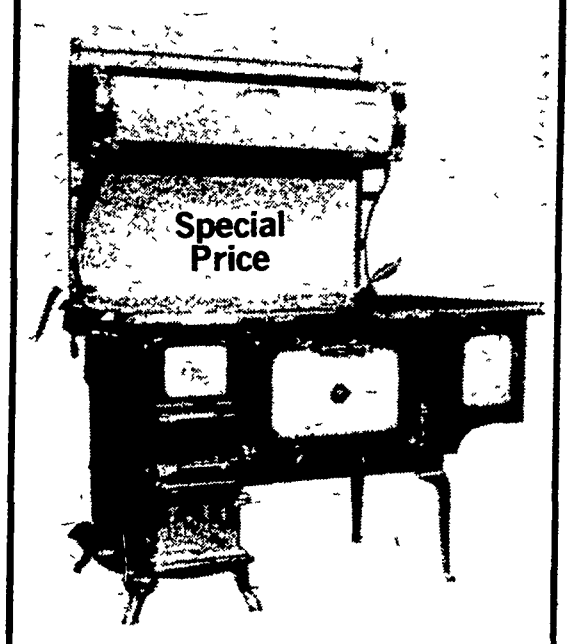

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Tent caterpillars strip trees of foilage

NEWARK, Del. — Many insect pests escape easy notice because of their small size or secretive habits. Not so for the tent caterpillar, whose huge, silken webs are an unwelcome sign of spring and an annual eyesore.

Tent caterpillars are large — about two inches long when mature. They have a black body with rather long hairs, blue and white side markings and prominent white stripe down the back. Don't confuse them with the notorious gypsy moth caterpillar — a non-web spinner that goes about its dirty work in a less visible fashion, at least until later in the season when its damage starts to appear.

In the spring as trees leaf out, colonies of tent caterpillars construct their familiar "tents" or nests in the forks of trees growing along roadsides, in brushy pastures, and in other waste places. They sometimes also infest trees in home plantings.

Tent caterpillars just love wild cherries. But they may also attack apple, pear, hawthorn, and various other fruiting trees, as well as shade and ornamental trees.

Infested trees are sometimes completely stripped of their foliage by the hungry pests. Though weakened, these trees are seldom killed. The caterpillars further annoy people when they crawl about in search of more food or a place to spin their cocoons.

You can control tent caterpillars in several ways, says Tatnall. Their nests can be torn open and the larvae scattered and crushed. Sometimes nests in the outer branches can be pruned out and burned. But DON'T attempt to burn the nests while they're still in the tree.

An insecticide spray is effective if you apply it promptly to the nests and surrounding foliage when the webs first appear. If possible, spray in the early morning or late afternoon when the larvae are in the nests. Suggested controls include Orthene, Malathion and Sevin. Some of these materials are toxic to bees, so follow label directions for their protection.

You can help avoid future trouble by removing nearby unwanted wild cherry trees and by destroying the dark, shiny egg masses of the caterpillar found overwintering on the twigs of host trees.

Longhorn sale totals $216,160

ELKO, Nev. — The increasing popularity of the Texas Longhorn is taking hold as over 300 buyers attended the fourth Annual Western America Texas Longhorn sale recently in Elko, Nev. and watched the grand champion senior cow sell for $10,600.

Top buyer Joe Brisbois, Fruitland, Wash., purchased Miss Wildlife 73, consigned by Bob Garrett, Deeth, Nev. for the record purchase price at the sale. Eighty lots of registered Texas Longhorns and 20 lots of roping steers were moved through the arena.

The Texas Longhorn, once almost extinct, is making a strong comeback in the cattle industry as displayed by this remarkable sale. They carry exemplary traits of high disease resistance, high browse utilitization, longevity-up to 20 and 25 years of a productive life, high fertility, and easy calving.

This year's sale totaled an all time high for the Western America Texas Longhorn Association of $216,160. The sale averages were as follows: 11 lots of heifers averaged $2,409, 9 lots of bred cows averaged $3,589, 3 lots of open cows averaged $2,100, 31 lots of cow and calf pairs averaged $3,023, 9 lots of yearling bulls averaged $1,478, and 15 lots of senior bulls averaged $1,940. The roping steers averaged $460.

Franklin tour on July 7

CHAMBERSBURG — The Franklin County Conservation District will be conducting it's annual conservation tour on July 7.

The tour group will travel to the Edenville area to survey Gypsy Moth damage. Phil Wert, Service Forester with the DER Bureau of Forestry, will be pointing out problem areas.

The tour also includes the Schoenberg farm at 14596 Clover Hill Road, Shippensburg, to see the barn flushing system.

A third stop will be at Paul Bert's farm at 8543 McClays Mill Road, Newburg. Featured will be a cannery tour and a look at the terrace system.

The July 7 tour will be leaving, by bus, from the Norland Shopping Center parking lot at 9 a.m. and return by 3 p.m. Cost for the tour will be $1.00 per person.

Also planned is a lunch stop. Lunch will be "dutch treat".

Those interested in attending should contact the Franklin County Conservation District office, 550 Cleveland Avenue, Chambersburg, or phone 264-8074. Reservations should be made by July 1.

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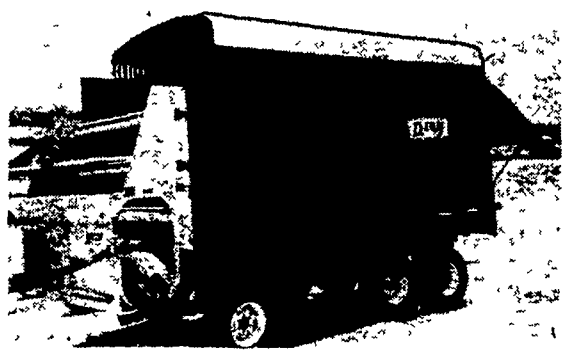

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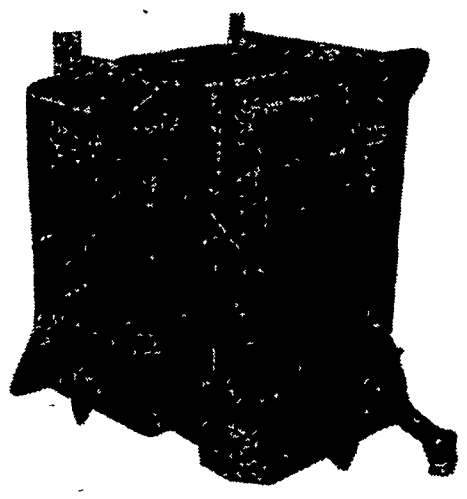

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Are you under-utilizing your 4WD tractor?

DOVER, Del. — Conservation-minded farming means cutting back on consumption by getting the most out of the fuel and machinery used. To achieve it, equipment has to be tuned, weighted, adjusted and used properly.

Many Delaware farmers are using four-wheel-drive tractors. Recent research findings show that most farmers are not using them efficiently, and that means they are not getting out what they invest in these expensive pieces of machinery, according to Delaware extension energy program coordinator Ronald C. Jester.

A Montana State University researcher, William E. Larson, studied how farmers are using the four-wheel-drive tractors. He found that most tractors are being under-used. The farmers are not using as much of the available power as they should because they are throttling back or gearing up. This results in poor fuel economy.

The study showed that most farmers operate their tractors too slowly. The largest percentage of four-wheel-drive tractors are operated at between four and five miles per hour, which is below the minimum recommended for best drive train life when the tractor is fully loaded. Farmers seem to feel they need to operate at reduced engine loading in order to get adequate drive train life.

While the farmers in the study were not willing to load their engines, they were all too willing to load the tractor weight. This was reflected in travel reductions or wheel slip figures that were too low. Slippage in some cases was as low as one percent and as high as 25 percent, while the average was 7.9 percent. This indicates the tractors were heavier than needed for good tractive performance or that drawbar pull was lower than it should have been for these tractors. The result was too much power, so fuel was used just to overcome rolling resistance.

One of the best ways to determine if power is being used effectively is by comparing the drawbar power in the actual operation to the maximum available as established in the Nebraska Tractor Test. Those tested use an average of 59 percent of the maximum power available. The range was 29 to 86 percent. Full utilization of the available engine power would probably be between 72-85 percent of the Nebraska Test. The tractors were definitely being under-utilized, Jester says.

Other conclusions resulting from the study are:

The load rpm was most often too high, averaging 95 percent of the load rpm.

Farmers were regularly underloading their tractors for tractive loading. The highest efficiency can be obtained by using a pull weight equal to 40-50 percent of the tractor's weight whereas the average pull weight in the tests was 32 percent.

What does all this mean? If you have a four-wheel-drive tractor, it probably means that you have too much of a good thing. By being aware of the items discussed, you can use these tractors more efficiently Think about choosing tillage tools designed to operate over a wider range of speeds, and having performance monitors installed on tractors. Performance monitors would allow farmers to check engine load as well as wheel slip to maximize efficiency during specific operations.

For information on maximizing fuel economy with your farm tractor, write for our fact sheet entitled "Gear-Up and Throttle-Down to Save Fuel." The fact sheet is available from the County Extension Offices or the University of Delaware Substation, R.D. 2, Box 48, Georgetown, DE 19947.

Agent begins duties

FLEMINGTON, N.J. — Hunterdon's new agricultural agent arrived June 1 and experienced one of those hectic days rather common mid to late spring in the Extension office.

Richard Wagner found a myriad of home garden problems with a few household insects thrown in. The phone calls were numerous with detailed descriptions of insect and disease conditions in vegetables, shrubs, trees and fruits. And in between calls, he was greeting office visitors laden down with specimens gathered outdoors over the weekend.

Wagner brings to his position a strong background in plant science, with emphasis on plant pathology. He just recently received his Master of Science Degree in plant pathology at Cook College. As an undergraduate at Cook, he majored in horticulture.

As County Agricultural Agent and a Cook College faculty member, he assumes a big portion of the Cooperative Extension Service educational program in the county. His areas of responsibility will include, in addition to home vegetables, fruits and grounds, programs and activities in commercial horticulture such as vegetable production, nurseries, floriculture and turf. He will also be our agency's representative to the Soil Conservation District, working in the area of resource development. Farmland Assessment and pesticide application training will also be among his concerns.

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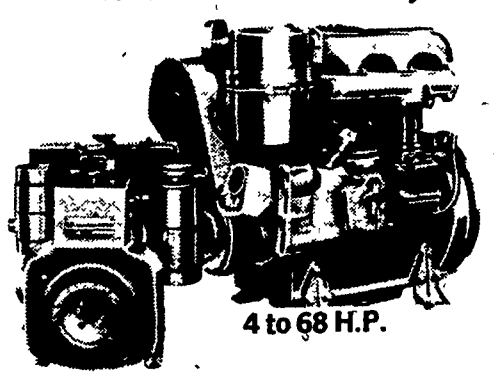

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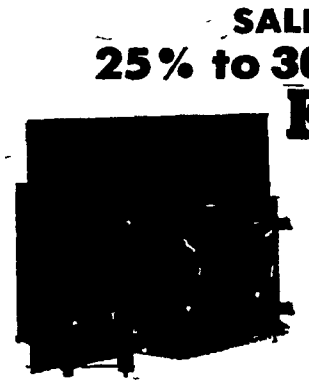

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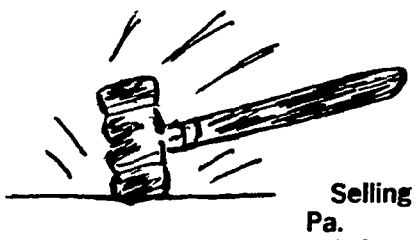

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Selling the personal property and antiques of 2 estates, 648 McKinley St., Hazleton, Pa.

Sale to be held inside the Wagner Electric Building. Lots of parking, from Rte. 93 turn left on 15th St. Come to Patruzzi's I.G.A. Store, turn right on McKinley St. Watch for sale signs, about 9 blocks.

Selling the estates of the late Calvin Knyrim Jr. and Helena Knyrim. Also the estate of the late Christian and Katherine Henderschedt.

TOOLS ONLY to be sold THURSDAY, JUNE 18
9:00 A.M.

Rear of 648 McKinley St., at the garage.

Desk light, Nuts, Bolts, Nails and screws too numerous to mention. Tool boxes with rubber washers, drill presses, many tool boxes, large concrete bolts, over 100 open and box wrenches, many adjustable wrench, many small socket sets, wood trays boxes, corner braces, books on plumbing, many other plumbing supplies, tapes (50',100'), Stanley squares, levels, rat tail files, small screw drivers, 2' and 3' long chisels, hand planes, files, 50 or more metal and stone chisels, oak file case, at least 30-40 pipe wrenches (all sizes), braces and bits, pipe cutting files, 10 or 15 large pipe threaders, 2' and 3' pipe wrenches, hammers, bits, braces, 3 way tools, levels, boxes of bits, brass blow torch, 40 hammers, crow bars, hand saws, miter boxes, large squares, files, wooden mallets, soldering irons, sharpening stones, small dies and taps, vise grips, calipers, steel scribers, linoleum knives, old American cutlery, 24 lb. scale, old cast iron lead melter, Sexaver repair system for faucets in original wooden box, tarps, Luther grinding wheel, Rock Island 9" vise, ½ horsepower drill press, pipe holder, small vise, kerosene lamp, many oil cans, oak hand truck, 6' step ladder, old hand mower, wheelbarrow, many boxes of copper wire, assorted tank floats, very large floor and table vise, hammers, picks, shovels, tampers, old Myers hand pump, 50' and 100' snakes, all types of crow bars and large moving bars, 10-12 large axes, 10-20 wood barrels, 40' wood extension ladder, 20' also. Chicken ladder, plank, old brass pump, many pairs of hedge trimmers, 2 oak porch swings, many pieces of threaded pipe, 8 or 9 large metal barrels, 4 A-frame scaffolding ladders, benches, large wood barrels, wheelbarrow, many old wood boxes, many sprinkling cans, many galvanized buckets, push brooms, oak hardwood flooring, many other pieces of lumber, kerosene cans, lawn chairs, canvas awning, hose, lots of brooms, 4 or 5 step ladders, many more pieces of wood, old coal shovels, old brass spigots, all the plumbing tools needed for a life of plumbing work. Many other items too numerous to mention. Mr. Henderschedt was a plumbing contractor for many, many years. There are many, many tools here that are not listed.

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2 piece living room suite, Wing-back upholstered chair, Upholstered rocker, End tables, Maple chairs, Very nice end tables and coffee tables, Lamps, Bench, Seth Thomas mantle clock, Old Philco floor model radio, Many wall pictures, Many old picture frames, Dining room table and 6 chairs, Buffet, China closet, Lawn chairs, Silverware in wooden box, Noritake, Nippon, pressed, cut, Vases, Carnival, Stemware, China cups (pearl), Picture plates, Bud vases, Salts, Peppers, Knick-knacks, Wine glasses, Depression, German steins, Fluted glass, Many pieces of Japanese figurines, Milk glass, Plate glass mirrors, Glass slippers, Brass serving tray, Old glass pistol, Blue and white hen on nest, Brass bell, Saeton china flower pot, Etches whiskey decanter, Fluted bowls, Cranberry glass, Silver trays, Linens, Golden Pickard large and small salt, pepper and gravy bowl, Depression glass, Etched wine glasses, Cut bud vases, Brass dinner bell, 2 brass lamps, 2 old glass candle holders, Old 5 shot 22 revolver (Stanford Arms), Metal money box, Oak rocker, Small oak writing desk, Brass desk light, Small oak table model Philco radio, Oak highboy stand, Oak 5 legged table with 4 chairs, Small tin ashtray with black child on it, Many other pieces of silverware, R.S. Prussia creamer, sugar and tea pot (beautiful), Small hand-painted Austrian pouring pitchers, Cranberry pitcher and goblets, Cranberry bowls, Several fluted vases, Fostoria, Roseville, Many figurines, Many figurines made in occupied Japan, Tin top pepper mill, Pots, Pans, Old knives, Kitchenware, Cut glass baskets, Etched water pitcher, Set of blue willow (from Japan), Small pitchers, Silver quadra-plated sugar and creamer, Homer Laughlin dishes, Small cuckoo clock, Much silverware, Pots and pans, Old Roper gas stove, beautiful condition, 17 cubic foot Frigidaire refrigerator/freezer, Grand Rapids cleaner, Many odd chairs, Large daisy afghan, 4 poster walnut bed, Dressing table, (dove tailed), 5 door dresser with mirror (walnut), 6 drawer walnut chest, Small 3 legged dropleaf table (goes into diamond and round), Hobnail fluted glass basket, Hobnail blue lamps, Costume jewelry, Large oak writing desk with 8 drawers, Brass desk lamp, Small metal filing boxes, High wood cherry sewing stand, Many linens, towels and pillow cases, Beautiful wood bed, Dressing table, Large swing out mirror, 2 night stands, Large wardrobe with 7 drawers and closet space, Many old pocket knives, Cuff links, Button holders, Keyholders, Bedroom chair, Many beautiful pictures, Many wallets, Tapestry covered foot stool, Many small stools, Many fine old umbrellas and canes, Wicker baskets, Sewing machine, Pine dresser and mirror, Small library table, Small what-not shelf, 1938 bookends, Old books, Porch rocker, Metal bed, Many floor lights, Many quilts, bedspreads and blankets, Mason and Hamlin organ, Beautiful old foot pump, hand-carved, looks like walnut, 3 legged organ stool, 4 drawers metal file cabinet, Small walnut rocker, Old pine blanket chest, Old square trunk, Furs, stoles, 2 cedar chests, Oak, cloth, wood divider, Brass floor lights, Wicker clothes basket, Old Royal typewriter, Wood folding table with matching chairs, Wood folding stool, 4 oak folding chairs, Old highback rocker, Many rockers, Oak potty chair, with thunder mug, Sessions mantle clock, International Harvester refrigerator/freezer, Roseville 10" vase, Old 24 lb. hanging scale, Many kitchen pots and pans, Step ladders, Card tables, Lard cans, Baskets, Wash tubs, Paints and brushes, Lead dippers, Crocks and urns, Wallpaper brushes and equipment, 2 wooden tools boxes, ABC wringer washer, Maytag automatic washer and dryer, Many hand tools, Hand planes, Castiron frying pan, Old Reliable gas stove.

KNYRIM ESTATE

9x12 Karistan rug (Kirman design), Also 9x14 Karistan rug, Small dropleaf table, Very nice old magazine rack, wood, Very nice old setee (green upholstered, wood, and upholstered back), Sofa, Wood wing-back parlor chair with upholstered seat and back, Small coffee table, 4 legs, glass top, Nice small 4 legged oak table, Walnut room desk, pull-out writing space and fold-down top (a beauty), Also desk chair, Brass floor lamps, Stuffed chair, 3 piece dark maple sofa and 2 chairs, very nice, Several-other odd chairs, Small maple stand, 2 shelves, nice, Hassock, Sessions mantle clock, Orion china 8" figurines, Made in occupied Japan, Hand-painted Japanese tea set, Brass candle holder, Crystal mantle chandelier, nice, Maple dining room table with 6 cane-bottom chairs, highbacks, Large maple sideboard, both pieces beautiful, China closet, Small old serving cart, Small buffet with door, nice, Depression glass, Pressed, Desserts, Wine glasses, Edged glasses, Community silverware, Boned handles, in beautiful wooden case, Small stool, Pictures, Glass candle holders, Glass bell, Linens, Table cloths, Carnival glass, Wicker, Bone china cups and saucers nice collection, 10 or more pieces, Japanese hand-painted plates, all nice, Many knick-knacks, Bissell hand sweeper, Many, many beautiful dishes, Milk glass, Pots, Pans, Toaster oven, Bud vases, Kitchen table, 3 old plank-bottom chairs, Blue granite wash pan, Tin muffin trays, Many cooking utensils, old and new, Waffle iron, Granite roasters, Wicker baskets, Sleigh bells, Shovels, Rakes, Hand tools, Step ladders, Old tool box, wood, Many old small tables, Table saw, Blow torch, 5" vise, Hand tools, Saws, Clamps, Hammers, Hatches, Etc. Many, many make tools, Large crow-bar, Automatic washer and dryer, Mirrors, Lamps; Beautiful Drexel chest on chest with 5 drawers, Small oak 2 pedestal library table, Very nice old upholstered and wood platform rocker, Caned chair, Beautiful old mahogany 3 drawers dresser, Large beveled glass mirror and marble top, Afghans, Wallace Nutting print, Metal bed, Sheets, Pillows, Brass table light, Patchwork quilts, Single mahogany bed, Old Lane cedar chest, Beautiful, wood carved high legs, Wood wardrobe, 5 drawer dresser and mirror, Old prissom lamp, Many nice old pictures, Large oak and mahogany wardrobe, beautiful, Beautiful old wood, tapestry, covered rocker, 2 hardrock twin maple beds, like new, Maple night stand, Box spring and mattress, good condition, Old mirror, 9 drawer maple dresser and 6 drawer chest of drawers, beautiful condition, Maple chairs, Radios, 9x12 Karistan rug, Old picture with 5 Civil War pictures on it, Many old large and small stands, 2 beautiful pine cedar chests, Large square old trunks, Many old wood boxes, 6 drawer oak chest of drawers, 4 drawer oak chest of drawers, Old highback chair, Leather insert, Oak swivel desk chair, Many old rockers, Oak treadle sewing machine (Minnesota), Old mahogany desk, drop front, 2 drawers, a beauty, Oak dropleaf table, Beautiful picture frames.

(Not responsible for accidents). Don' miss this Sale!

Executors:
HAZLETON NATIONAL BANK TRUST DEPARTMENT
Helena and Calvin Knyrim Jr. Estate
Katherine & Christian Henderschedt Estate

Clip and Save this Ad

Statements made day of sale. Take precedence over previously written material.

Auctioneer: NEVIUS AUCTION SERVICE Licensed and Bonded
Dan Nevius, 752-4114, Mifflinville — **Olen Knecht, 683-5955, Orangeville**
Fred Antolick, 459-1379, Hazleton — **Clerk: Jay Leiby**

Lunch-Yes. Note: All items for sale are in very good condition! Come Early-We move fast! There are many items not listed!

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Antlerless license distribution returns to Potter Co.

HARRISBURG — 1981 Potter County antlerless deer licenses will be issued from the courthouse at Coudersport under the direct supervision and control of the Game Commission. The return to Coudersport was authorized by the Game Commission in direct response to a request from the Potter County Commissioners.

Last year, Potter County antlerless permits were issued by the Commission from its Northcentral Field Division office at Jersey Shore following an incident in which the county treasurer was removed as an issuing agent of the Commonwealth. He had been charged by the State Justice Department and Game Commission with numerous irregularities in connection with the distribution of 1979 antlerless licenses. The case remains in litigation.

Recently, the Potter County Commissioners met with Game Commission officials and an agreement was developed whereby the physical distribution of the 1981 permits would be conducted from the courthouse at Coudersport with space and personnel supplied by the county. Game Commission officers will supervise distribution.

Applications, which will be received by first class mail, on a first-come-first-served basis, should be mailed to the Potter County treasurer's office. 1981 applications for antlerless licenses in all counties begins Monday, October 5.

BUTTER & EGGS

PUBLIC AUCTION

SATURDAY, JUNE 20

9:00 A.M.

Located near Friedensburg, Schuylkill Co., Pa. Approx. 2 miles off Rt. 433, turn at Gardners Cafe. Approx. 3 miles West off Rt. 183 near Reedsville Church. Watch for auction arrows to Riegel's Farm.

Antiques, Collectibles, roll top desk, ice box, old post cards, store advertising items, household. Oak Furniture - Round table, china closet, pressed rocker, oak sideboard, wash stand. Plus many old store related items too numerous to mention.

Contents of former Klahr Store, Sch. Haven, Pa. Moved for convenience of sale under roof.

Terms - Cash preferred or approved check. Lunch available.

SALE ORDERED BY

JOHN & RUTH KLAHR

Jay Riegel, Jr. Auctioneer
717-739-4718

Not Responsible For Accidents

Hollinger's Construction

Complete Absolute Liquidation Auction

of

Construction Equipment, Vehicles, Lots of Plumbing Fixtures, Hand Tools,

SATURDAY, JUNE 20

9:30 A.M.

Located in the Village of Kinderhook, PA. Take Route 23 West of Lancaster, PA. To Kinderhook Road. Watch for sale signs.

Auction Features:

John Deere 310B Backhoe, 1972 F-250 Ford Pickup Truck, 1974 Ford Econoline Van, (New) 1979 GMC 4x4 Pickup Truck with Cap, (New) OMC Mustang Skid Loader #440 Owatonna with New Bucket, 1972 C-50 Chev. Dump Truck with Large Road Type Plow, 2-36' Single Axle Trailers, 5 Trowling Machines (New), Mark Master 5/24 Snow Plow, Like New, Engine Hoist Crane, New Sears 2 H.P. Air Compressor, #7730 Dewalt Power Miter Box, Bishman Tire Changer, Portable Acetylene Torch with Stand, David White Transit w/Tripods, Dietzgen Transit w/Tripods, Gray Co. Paint Pump Complete, 3/4" Socket Set, 3 Pipe Cutters, 3 Aluminum Ext. Ladders, Extension Cords, Portable Shop Tool Cabinet, Tire Changing Tools for Trucks, B&D Sander Polishers, B&D Industrial Grinders, Paint Shakers, 3 Wet & Dry Vacuums, 6" Large Bench Vise, Binks Model 7 Spray Gun, Rear End Lub Machine, Mirco Tire Balancer Machine, Portable 300 gal. Fuel Tank, 20x40' Bermuda Swimming Pool Complete, Hand & Garden Tools, Black & Decker Power Saws, ½" Right Angle Drills, Cut Saws 3/8", 1/4", 1/2" Drills, Hammers, Wrenches, Sledge Hammers, Plumbing & Electrical Supplies, Boxes of Nails, Pipe Fittings; 5; ½'x60' Copper Tubing, (6) Boxes of ½ Couplings, Roof Shingles, 2-12 Ton Hyd. Jacks, Wheel Barrow, Dry Wall Sheets, Hundreds of Feet of Plastic Pipe, 1½" 40 Pcs. 20' long; 3" 10 Pcs. 20' long; New Aluminum Doors, 12 Set Pole Jacks, 8 Rolls Roofing Paper, 4 Stainless Steel Tubs, 2 Set Ladder Jacks, Window Sash, 10 Ton Porta Pack, 20 Bundles of Sheet Rock, Fiberglass 1 Pc. Tubs, 2-275 gal. Fuel Tanks. Many Other Items.

Sale By:

C. EDWARD HOLLINGER
R.D. #3 Columbia, PA
717-684-7412

Food served. Terms: Cash Certified Check. Bank Letter of Credit, Personal Checks only if Auction Company knows Buyers or if Prior Arrangement is given.

Sale Conducted By,
J. OMAR LANDIS AUCTION SERVICE
JAY M. WITMAN, Box 501, Ephrata, Pa.
717-627-0789 - 717-665-5735

PUBLIC AUCTION

SATURDAY, JULY 11, 1981

At 9:00 A.M.

812 West Main Street (Route 25) Valley View, Schuylkill County, Pa. (8 Miles West off I-81, Exit 34)

Lot 68 Ft. x 188 Ft. 5-Bedroom Dwelling, Beautiful Knotty Pine Kitchen, 1½ baths, Stoker Hot Water Heat, 36 Ft. x 76 Ft. 2½ Story barn 1-Car Garage.

This property in excellent condition offers a comfortable residence plus an area for a retail store or a professional office. This barn has 6000+ square feet of storage space which could provide an extra source of rental income! Check the possibilities now and be prepared to bid and buy at the auction.

FOR INSPECTION CALL: (717) 682-3085

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

ANTIQUES & COLLECTIBLES

High Counter Kitchen Cabinet, original paint; Decorated Plank Rocker; Cane Seated Rockers; Wooden Rocker w/Needlepoint Seat; 3-Pc. DECORATED BEDROOM SUITE w/Teardrop Pulls; Flour Chest, original graining; (2) Dough Trays; Oak Tables; Books; EARLY LOCAL CALENDARS in mint condition; Family Record & Lord's Prayer by Real Pen Works; Old Clothing; Fancywork; (3) Empire Chests some w/Porcelain Knobs; (2) Blanket Chests; Picture Frames; Organ Stool w/Claw Feet; Slant Front Desk; WICKER BABY CARRIAGE; Drop Leaf Table; Miniature Iron Pump; Metal Roman Soldier Statues; Wooden Office Chair; Easel; Wall Mirror; Chopping Block; Treadle Sewing Machines; Child's Rocker; lg. assortment JUGS & CROCKS; Stoneware Water Cooler; Chandelier; Hat Pins; DISHES including; Enameled Glass, Blue Willow, Dark Carnival, HANDLELESS CUPS, Salt Dips, Butter Chips, lot MOSS ROSE CHINA, Ironstone, Pressed & Pattern Glass; Condiment Set; Candy Jars; Planter's Peanut Jars; Bottles; Dated Jars; Old Beer Mugs; several WASHBOWL SETS; Hand Bell; Oil Lights; Mercury Glass Relfectors; Barn & Buggy Lanterns; (2) Copper Boilers; nice AGATE TEAKETTLE; Butcher Forks, Ladles & Strainers; Candle Molds; Flat Irons; Star Tobacco Cutter; Dolls; Milk Buckets; Flax Comb; Lg. Wooden Butter Bowl; Waffle Iron; 3-Prong Forks; Glass Washboard; Lg. Slaw Cutter; Cuspidor; Milk Can; Single & Double Trees; Meat Grinder; Wine Press; Broad Axe; Wooden Tool Chests; LOG WAGON; other items not listed.

OTHER PERSONAL PROPERTY

4-Pc. & 5-Pc. Bedroom Suites, Cedar Chest; Corner Table; Wooden Chairs; Dressing Table; Radio/Phonograph; Occasional Chairs; Recliner; Crib; Highchair; Roll-a-Way Bed; HOODED FIREPLACE w/ELECTRIC HEATER; Window Fan; Clothes Tree; Barbeque Grill; Rugs; Fireproof Receipt Box; FLOOR SAFE.

1967 OLDSMOBILE CUTLASS 4-DOOR SEDAN

Air Compressor; Wrenches; Socket Set; Carpenter Tools; Bench Vise; Oil Pump; Miner's Picks; Loan Binders; assortment Chains; Cross Cut Saws; Wheelbarrow; Ladders; Garden Tools; Fruit Baskets & Boxes; Coal Chutes; many other items.

SILVER COINS & INDIANHEAD PENNIES

(25) Silver Dollars including 1879cc; 1938-D Half; 1932-D Quarter; 1926-S Dime; Buffalo Nickels; Coins will be sold individually, by rolls and by Collector Books. (coins will be sold at 2:00 P.M.)

ANNA E. WILLIAMS, Owner

John T. Pfeiffer, III. Esq.
Pfeiffer, Brown & Baldwin, Attorneys
Lunch Available

DEIBERT

George & Mike
Auctioneers & Realtors
717-425-3313

Penn State studies bagged silage

UNIVERSITY PARK — Farmers may have another method to ensile forages, if tests of bagged silage continue to show favorable results, says Lowell L. Wilson, professor of Animal Science at Penn State.

An alternative to conventional silos, the bags give farmers flexibility to handle more silage in a given year without building a new silo, he observes.

"In a case where the producer is enlarging his operation, say from 40 to 60 dairy cows, or from 200 to 300 finishing steers, the silage-bagging system may be more economical and flexible than investing in a new conventional silo," Wilson says, adding he foresees some farms using only bagged silage.

Although the machine is relatively expensive, and the system requires the farmer to buy new bags each year, generally the bagging technique may be less costly and offers greater flexibility than the construction of a new silo, especially if the machine can be rented through a custom operator, he claims.

Bagged silage may not be economical for every farm situation, but Wilson reports Pennsylvania farmers who have tried the system seem to be pleased with it.

A large "sausage-stuffing machine" packs 100 to 125 tons of plant materials into an airtight plastic bag that is about 8 feet in diameter and 100 feet long. The bag is sealed by nailing 2x4's together across the open end or tightly folding the end down and placing something heavy, like old tires or soil upon it.

After fermentation occurs, farmers can slit the end of the bag and peel the ends back. The silage can then be removed with a front-end loader. The bag can be refolded to maintain nearly air-tight conditions. Generally the bags are not re-used.

Anhydrous ammonia and other additives could also be used to retain or improve the nutritional quality and palatability of the bagged silage. Although the silage spoiled a little more than Wilson had anticipated, its quality paralleled that of silage from conventional silos. He attributes the spoilage to the fact that the test batches filled only a portion of the bag. However, Wilson found that beef cattle readily accepted the feed and performed well on it.

This research is a part of a larger team project involving W.L. Kjelgaard and P.M. Anderson, associate professors of Agricultural Engineering and H.W. Harpster, assistant professor of Animal Nutrition. Also being studied is the use of the large round bales for silage storage in plastic bags.

PUBLIC SALE

TRACTORS — TRUCKS — FARM MACHINERY

MONDAY EVENING, JUNE 22nd

At 5:30 P.M.

Located approximately midway between Littlestown and Hanover, Pa. along Route 194 at the James (Bud) Spalding Livestock Farm.

Due to the recent death of my husband, I, the undersigned owner, will offer the following:

Like new J.D. 2240 Diesel tractor with W.F.E. 3 pt. hitch, live P.T.O. 16.9-28 rear tires, with 175 hrs. on meter; J.D. 1530 Diesel tractor W.F.E., 3 pt. hitch, live P.T.O., 14.9-28 rear tires on quick adjust wheels with 575 hrs. on meter; J.D. Model 145 manure loader; J.D. Model 714 chuck wagon (like new); 2 J.D. 16A flail choppers (one like new); nice N.I. Model 215 manure spreader; 16 ft. Jerr Dan bale wagon; N.H. Model 351 grinder-mixer; Little Giant 42' elevator w/2 HP elec. motor and corn chute; Danuser Model F-8 post hole digger; J.D. heavy duty power washer; 3 pt. 6' blade; new Durvet Automatic Headgate; 3 pr. dehorners; 1 ton chain hoist; log chains; pony and horse harness; 3 nice saddles; horse hames, halters, bridles, collars, single trees; stillyard scales; 100' electric cords; hog chains; screw and hydraulic jacks; baler twine; McCullouch D-44 chain saw; 10' gal. gate; 8' & 10' iron water troughs; wooden feed and hay racks; wood hog feeder; lot livestock medicine; new roofing shingles; ABC fire extinguishers; 10' gal. tile; 4 railroad ties; large canvas; barbed and fence wire; scalding trough; 2 1973 Snowmobiles, David Bradley Garden tractor with full line of attachments including snow blade; approx. 175 gal. fuel tank w/hand pump; milk dumping station w/plastic hose; 2 livestock clippers; rabbit pens; old tin; misc. small tools and many items not listed.

TRUCKS

1980 F-150 Ford Ranger 6 cylinder pick-up, automatic transmission, power steering and brakes, AM-FM radio, with 10,000 miles, 2 fuel tanks and cattle racks with drop-down tailgate...1973 Ford 750 stake truck with a 20' cattle bed with roof, side and rear drop tailgates, having a 10 speed transmission and a 2-speed rear, has good 10:00-20 rubber and in good running condition.

TERMS: Cash - Bank confirmation for personal checks if not known by Auctioneer or owner.

Not responsible for accidents sale day.

AUCTIONEER NOTE: If in need of nice clean used machinery, plan now to attend this sale.

MARY H. SPALDING, Owner
R.D. #2
Littlestown, PA 17340
(717) 359-5622

Dennis J. Plunkert
Auctioneer
R.D. #2 Littlestown, PA 17340
(717) 359-4489

Sale Reports

A Public Sale of antiques was held June 6 by Mahlon Keith, along Ridge Rd. leading from Denver to Fritztown, Lanc. Co., Pa. This was a well attended sale.

Prices included: Gone-with-Wind Light $120, Blanket Chest $115, Cradle $120, Minature Wooden Rake & Fork $75 each, Thistle Door Latch $46, Tulip Door Latch $160, Bleeding Knife $110, Fish Design Axe Holder for Conestoga Wagon $180, Grease Lights $150 to $220, 40 Early Recruit Baseball Cards $220, Tulip Design Pump Spout Bracket $50 and Oliver Plow Sign $130, Strickler Adv. $100 & Decorated Box $300.

H.H. Leid Auction Service conducted the sale.

xxx

A Public Sale of farm machinery was held June 6 by Evelyn M. Conrad, between Shamokin and Sunbury.

Prices received were: Farmall A Tractor $1250, Potato Plow $190, McCormick 100 Manure Spreader $500 and Butcher Kettle $95.

Mark J. Jones, Auctioneer.

xxx

A Public Sale of real estate, farm machinery and antiques was held June 6 by the Edwin J. Frank Estate, between Millersburg and Elizabethville, Pa.

The 1½ story frame house on a lot with 250' frontage owned by Mr. & Mrs. Ralph L. Cooper was sold for $19,000.

Other items sold were: Cub Cadette Tractor $1000, '51 Chevrolet Pickup Truck $400, Farmall H w/cultivator $675, 2-Bottom Plow $105, Disc $95, J.D. Trip Bottom Plow $400, Ontario Drill $125, Corn Picker $230, Elevator $110, Wagon $260, M.H. 82SP Combine $410, Hand-operated Washer $100, Flour Chest $155, Drop Leaf Table $50, Square Oak Table $85, Fainting Couch $100, 3 pc. Oak Bedroom Suite $700 Oak Sideboard $310, Oak Kitchen Cabinet $375, Floor Model Record Player $90, 6 pressed-back Chairs $57.50 each and Copper Kettle $250.

Dockey & Dockey, Auctioneers, Deppen, Apprentice.

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

PUBLIC SALE

BUTCHERING EQUIPMENT & TOOLS

The following butcher equipment will be sold on Monday evening, June 22 at 6:30 P.M. before the regular livestock sale at Sechrist Sales Co. Livestock Auction, near New Park, Pa. York Co.

Power band meat saw w/stainless steel table; Wellsaw electric splitting saw; Hitachi 1 ton electric hoist; Hobart 1/3 HP meat grinder w/2 interchangeable heads; platform scales; Goulds high pressure water pump; 3 shelf galvanized utility cart; 10 ft. wood w/stainless steel top table; 8 ft. all stainless steel table w/drawer; hand meat saw; 20 gal. crock, etc.

Terms: cash

Sechrist Sales Co.

PUBLIC SALE

OF REAL ESTATE
(1½ Story Cement Block House w/White Brick Facing, 5 Rooms, 1½ Baths & 1½ Story Garage)
FINE ANTIQUES, HOUSEHOLD GOODS, RIDING MOWERS, GARDEN TRACTORS, TOOLS & COINS
WED., JUNE 24

at 9:00

Located at 1004 Village Rd., Lampeter. West Lampeter Twp., Lanc. Co., Pa. (Just east of Lampeter Square along Rt. 741).

Real Estate. 1½ story cement block house w/white brick facing, 5 rooms, 1½ baths & 1½ story frame 2 car garage w/white brick facing, elec. garage door, cement floor & overhead storage. Lot size: 145' frontage by 296' depth more or less. Property will be open for inspection Sat's., June 6, 13 & 20 from 1 until 3. Real Estate to be sold at 2:00.

Coldspot 2 door refrig. frost free; G.E. elec. stove; G.E. auto. washer; G.E. auto. dryer; elec. sewing mach.; Sylvania port. TV; elec. window fans, Cherry rnd. ext. table w/5 lg. boards; early walnut blanket chest on legs & old hinges; 2 blanket chests. Other good furniture in walnut, Vict. pine, plank, Windsor, Empire, mahg. oak & maple. Fine articles in wood, crockery, Bennington, iron, tin, brass, copper, agate, coin silver etc. Clay marbles; photo albums; kid's toys; German cut outs; old post cards; old adv. cards; picture frames in walnut, oak leaf, gilted & oak. Books: 1864 Bridgens Lanc. Co. Atlas, 1912 Gettysburg, Uncle Tom's Cabin etc. 1847 dated coverlet made by C Yordy, Willow Street for Joseph Herr, 2- 1908 coverlets, old patch quilts, carriage robe etc. Fine G-W-T-W lamp; Rayo oil lamp; Jenny Lind & comp. dolls; fine Stiegel mug (Forget Me Not); other glassware & china in soft paste, Hist. blue, blue sponge spatter, grn. & pink, lustre, Eg. Nippon, Carnival, German, pressed, deco. ironstone etc. Kitchen articles; bedding & linens; braided & hooked rugs. Gibson 5 h.p. riding mower; garden tractor; 4 h.p. Moto mower snow blower; 3 h.p. rototiller; Scotts lawn seeder; lawn sweeper; ladders; power tools; shop, hand & garden tools; old tools; misc. hardware & lumber; scrap iron etc. Guns: Remm. 22 rifle, 12g. H. & R. shot gun Coins: 1854 one dollar goldpiece, 1794 half cent, lg. cents, 1858 Flying Eagle, 1864 Indian, 1864 two cent, 1852 & 1853 three cent, 1866 & 1867 Sheild Nickels, 1853 seated dime, 1854 seated quarter, 1877S trade dollar. Currency: 3 cent & 50 cents, J. Rohrer, Lanc. token.

NO OUT OF STATE CHECKS ACCEPTED. Food served

Sale by

MR. & MRS. HARRY H. GERLACH

Wenger, Byler & Thomas Atty.
Howard Shaub, Auctioneer
464-3541 and Roy C. Probst

PUBLIC SALE

SATURDAY, JUNE 20

10:00 A.M.

Located ½ mile off Route 225, 1½ miles west of the village of Urban, Pennsylvania. Watch for sale signs along Route 225 day of sale).

REAL ESTATE

PARCEL #1: Consists of 8 Acres, more or less, of Woodland, situate in Washington Township, Northumberland County. Acreage has some frontage along hard-top road.

PARCEL #2: 27 Acres, more or less, of Woodland, situate in Jordan Township, Northumberland County. Having frontage along Urban to Klingerstown Road.

PARCEL #3: 3 Acres, more or less, of Woodland, situate in Washington Township, Northumberland County.

PARCEL #4: Certain tract of land situate in Lower Mahanoy Township, Northumberland County. Beginning at a concrete marker at the intersection of State Highway Legislative Route #49002 and State Highway Route #147; thence in a southwesterly direction along said State Highway Legislative Route #49002, three hundred fifty (350) feet, more or less, to a concrete marker; thence in an easterly direction along other lands of the Grantors and along a small creek, two hundred thirty-nine (239) feet, more or less, to a concrete marker; thence along lands in the tenure of John Martz et ux, in a northerly direction one hundred sixty (160) feet, more or less, to the place of Beginning, being a triangular piece of ground.

For additional information on above real estate, phone 425-2733, 758-3392 or 758-6004. Real Estate to be offered at 12:00 Noon.

ANTIQUES & COLLECTIBLES

Cradle with Original Yellow and Red Paint, Decorated and Signed C.I. Tresler; Flour Chest with Dough Box; 5-Pc. Cottage Bedroom Suite with Original Decoration; Small Blanket Chest; (3) Walnut Victorian Chairs; Oak Swivel Desk Chair; (2) Wooden Easels; Porch Bench; 6-Legged Drop-leaf Table with Green Paint; 2-Shelf Water Bench; Arrowback Plank Bottom High Chair; 5-Drawer Oak Spool Cabinet; Butcher's Meat Trough and Barrel; Extension Table; 2-Drawer Farm Table; Oak Bed; (2) Cast Iron Butcher Kettles with Tripods; Copper Washboiler; Wooden Butter Churn; Cast Iron Waffle Irons; Barn Lantern; Enterprise Sausage Stuffer; Cherry Seeder; Sadirons; Assortment of Crocks including "Sipe & Son" Williamsport with Blue Decoration and "Evans R. Jones" Pittston, Pa. with Blue Decoration; Half Bushel Wooden Measure; Butcher Fork and Spoons; Brass Bucket; Butter Print and Mold; (2) Iron Mush Pots; Toleware Coffee Pot; Rye Basket; Double Barrel Percussion Shotgun; 12 Ga. Double Barrel Hammer Gun; Gold Leaf Wall Mirror; Metal Victorian Shaving Mirror; Selection of Lg. Gold Leaf Frames; Assortment of Early Indentures and Surveyor's Drafts, Eary 1800's, from the Mahantongo Valley (Peter Montelius, J.R. Hilbush, Joel Ferree, Etc.); White Ironstone Pitcher and Bowl; Box of Assorted Postcards; Manz Beer-Ale Tray; Cresolene Vapor Lamp in Original Box; Glass Butter Churn; Redware Pottery Turk's Head; 1858 Half Pint Jar; Aladdin Kerosene Lamp Base; Print "The Guardian Angel"; Assortment of Pressed and Depression Glass; Etc.

HOUSEHOLD ITEMS

Upholstered Chair; Maytag Square Tub Wringer Washer; 4-Pc. Aluminum Folding Porch Set; (2) Porch Rockers; Crib; (2) Wooden Picnic Tables; Ramp Water Pump; 2" Plastic Pipe; (2) Electric Water Pumps; Johnny Stove; Guardian Service Cookware; Table Lamps; Numerous Other Items.

TERMS: REAL ESTATE — 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN THE DAY OF SALE. PERSONAL PROPERTY — CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

GOLDIE WILKINSON,
OWNER

William H. Wiest, Attorney
Dockey & Dockey, Auctioneers
Deppen, Apprentice

PUBLIC SALE

OF REAL ESTATE
(Very Nice 2½ Story Brick Row Home)
ANTIQUES, HOUSEHOLD GOODS
WED., JUNE 17

at 11:00

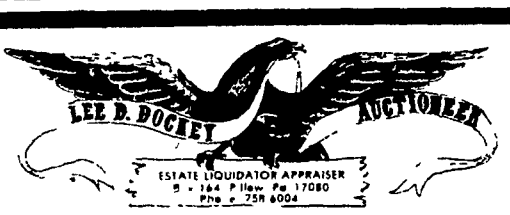
Located 36 West New St., Lancaster, Penna.

Real Estate: 2½ story brick house w/6 rms. & full bath. Property is in very good cond. Property will be open for inspection Sat's., June 6 & 13 from 1 until 3 P.M. or phone 626-0063. Real Estate to be sold at 2:00.

Westinghouse 2 door refrig. frost free (new); Hoover sweeper; 3 pc. uph. living rm. suit; 3 pc. Waterfall bedrm. suit w/boxspring & mattress; Empire chest of drawers. Other furniture in mahg., oak, walnut, uph. chrome & metal. Table & floor lights; 1875 Everts & Stewart Atlas of Lanc. Co.; fine Currier & Ives of The Day Before Marriage & A Year After Marriage; old German rnd. pictures; crocks; jugs; brass & leather flask; blue agate; wooden, tin & brass articles; Rohrer's A. shot glass, Lanc.; blue Shirley Temple creamer; pink Depression bowls, sherbets, glasses, dishes etc. Glassware & china in pressed, German, Japan, orange Carnival, blue Willow etc. Kitchen articles; bedding; elec. fans; push mower; tools & other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by

VICTOR R. SINGER ESTATE
Sahlor M. Weaver Executor
May & May Attys
Howard Shaub Auctioneer 464-3541
and Roy C. Probst



PUBLIC SALE

WEDNESDAY, JUNE 17, 1981

5:00 P.M.

Located at 1114 Shamokin Street, Trevorton, Pennsylvania.

ANTIQUES & COLLECTIBLES

Hepplewhite Schoolmaster's Desk with Bookcase Top; (4) Pressed Back Chairs; (2) Oak Library Tables; Brass Bed; Oak Vanity with Mirror; (2) Square Stands; Oak Pressed Rocker with Lion Head Arms, Upholstered Seat and Back; (2) Half Spindle and (1) Arrowhead Plank Bottom Chairs; Round Top Trunk; Oak Round Table; Wooden Bed; (2) Flat Record Edison Talking Machines; (2) Wooden Butter Churns; (2) Wooden Butter Bowls; Cast Iron Teakettle; Rayo Lamp Base; (3) Bayonets; (2) W.W. II Banners, 1 with 4 Swastikas; Early Buck Saw; Etc.

HOUSEHOLD ITEMS

3-Pc. Maple Frame Living Room Suite; (2) Waterfall Bedroom Suites (One 3-Pc. and 1 Blond 4-Pc.); Mahogany Dresser with Mirror; 7-Pc. Breakfast Set; Double-Door Metal Wardrobe; Zenith Floor Model B&W Television; Coffee table and (2) End Tables; Bookshelf; Misc. Lamps; Lg. Ornate Gold Leaf Frame; Hamilton Beach Mixer; Canvas Folding Cot; Maytag Square Tub Wringer Washer; Montgomery Ward Airline Combination Radio-Record Player; Lg. Assortment of 78 RPM Records; Numerous Other Items.

MISC. TOOLS & GARAGE ITEMS

Manley Hydraulic Automatic Floor Jack; 4 AMP Battery Charger; Acetylene Cutting Torch and Stand; Gear Oil Grease Dispenser; Lincoln Air Operated Grease Gun; Metal Parts Bin; Pr. of Truck Mirrors; Upholstered Van Seat; Misc. Garage-Related Tools; Truck Tire Chains; Vise and Grinder; Misc. Welding Rods; Blacksmith Forge and Anvil; Misc. Hand Tools; (2) Rotary Lawn Mowers; Black & Decker Deluxe Weed-Grass Trimmer; Etc.

SALE WILL BEGIN WITH MISC. TOOLS & GARAGE-RELATED ITEMS.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

RUTH SIGAFOOS, Owner

Dockey & Dockey, Auctioneers
Deppen, Apprentice

GAP AUCTION

FRIDAY EVE., JUNE 19

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

Selling Household Goods & Antiques from a home in Centerville.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
OTHER DAYS BY APPOINTMENT

Call us for pick up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

JUNE

SAT. JUNE 13 - Public Sale of Kitchen-Cafeteria Equipment, Desks, Chairs, School Busses and Surplus Items Located at the Exeter Twp. Bus Garage along shellbourne Rd, ¼ mile south off Rt 562, (at Jacksonwald), or 2 miles north off Rt. 422, just east of Reading Country Club, Exeter Twp Berks Co., PA Sale by Exeter Twp School District, Frey Auctioneers

The incredible edible egg™ American Egg Board

SAT JUNE 13 - 10 A M Annual Registered Heifer Sale at New Holland Sales Stables, Inc, New Holland, Pa

SAT JUNE 13 - 9 00 A.M Public Sale of Real Estate, Antiques and Household Goods Located at 421 North George St; borough of Millersville, Millersville, PA Verna Newcomer Estate. Howard Shaub and Roy C Probst Auctioneers

SAT JUNE 13 - 10 A M Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements, new building material, etc, etc Locatetd along Route 11-15, 8 miles North of Liverpool, 9 miles South of Selinsgrove, Port Trevorton RD1, Pa Sale by Elmer Stauffer, Frank Snyder and B D Imes, Auctioneers

SAT JUNE 13 - 10 30 A M Complete Dispersal of Good Farm Machinery and Equipment To be sold on the farm for the Estate of the late Thomas J Welsh at Kinderhook Farms. Valatie, Columbia Co, NY on Rt 21- town of Ghent, 2 miles east of Rt 9H. Arrows will be posted from 9H to farm Mr Paul Grip, Executor Delos Luther Sr. Auctioneer and Sales Manager

MON JUNE 15, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON. JUNE 15 - 10.00 A M Public Sale of S E Iowa Allis Chalmers, Muscatine, Iowa Located Highway 92 & US Rt 61 West, adjacent to Koser Equipment, Inc, Muscatine, Iowa, 28 miles west of Davenport, 36 miles SE of Iowa City, 1½ mile E of Airport, Muscatine Conducted by Midwest Auction Co

TUES JUNE 16 - 7 P M Special Heifer Sale located at Green Dragon Livestock Sales, 1 mile North of Ephrata, Pa Walter H Risser Proprietor

TUES. JUNE 16 - 6 00 P M Public Sale of Trucks, Tools, Refrigeration Equipment, Guns and Household Goods Located along N Farmersville Rd, Ephrata Twp, PA Terms by Titus and Anna Mary Burkholder. T Glenn Horst and Timothy G Horst Auctioneers

WED JUNE 17 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED JUNE 17 - 5 00 P M Public Sale of Antiques, Collectibles, Household Goods, Misc Tools and Garage Items Located at 1114 Shamokin St, Trevorton, PA. Ruth Sigafoos Owner Dockey & Dockey Auctioneers

WED JUNE 17 - 11 00 A M Public Sale of Real Estate, Antiques, Household Goods, Located 36 west New St, Lancaster, PA Sale by Victor Singer Estate Howard Shaub and Roy C Probst Auctioneer

JACOB TANIS
1897-1981

Announcing the GUARANTEED DISPERSION of the TANIS ESTATE IDEAL ANGUS HERD

JUNE 22nd & 23rd

at the farm AUGUSTA, N.J.

SELLING 750 HEAD - INCLUDING 10 HERD BULLS
10 Service Aged Bulls - 270 Females, most with calves - 50 bred Heifers - 130 Open Heifers

Featuring the "IDEAL" PROGRAM...

The Ideal Herd was founded in 1959 by the late Jake Tanis, Sr. Due to the recent death of Mr. Tanis, the herd must be dispersed. All five hundred lots in this dispersion sale were bred in the Tanis Ideal Herd. Not only do they carry the Ideal prefix, they are backed with four, five, six, seven, and eight generations of Ideal breeding. The Ideal Herd was founded by cattle people, cattle have been their only source of income. This is really unique, and all of this has been accomplished in the State of New Jersey on high-taxable land.

The Ideal Program came into focus with a very select draft of quality foundation females. The original foundation sire, Black Prince of Wye, sired by Puck of Wickwire, from the Wye Plantation herd at Queenstown, Maryland. He was to be followed by Arlington of Wye, a son of Prince of Malpas, who left many sensational females in the program.

The next "super star" to be introduced to the Ideal program was Amazon of Wye, a son of Conan of Wye, whose name will appear in the tabulations of over 250 head selling in this dispersion sale.

Over the years Ideal Farm has been the home of some of the greatest Wye bulls of the breed. It was the first nationally recognized herd to use Wye bred bulls, and the fruits of the powerful maternal Wye characteristics prevail heavily in the Ideal program.

AMAZON OF WYE

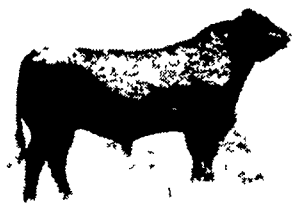
JAKE TANIS, JR

"THE IDEAL PERFORMANCE PROGRAM"

The founders of the Ideal herd established a reputation as one of the greatest Guernsey breeders in the world Therefore, they recognize the value of production and performance data The Ideal herd has been built on a rigid program of performance selection, and has one of the best sets of records of any herd in the breed The progeny of each cow has annually been performance evaluated and complete performance data on each and every animal selling in this sale will be available to the buyers

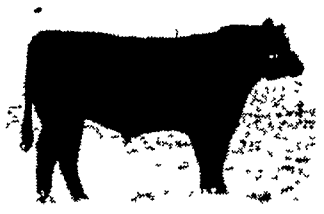
Jake Tanis, Jr. has spent his lifetime guiding the Ideal program. He is truly a master cattleman in his own right. Through his guidance Ideal Farms has probably sold more cattle at private treaty than any other herd in North America. Ideal has been responsible for starting more new herds and lending a helping hand and a guiding light to new and established breeders for many, many years

FEATURING the Get and/or Service of:

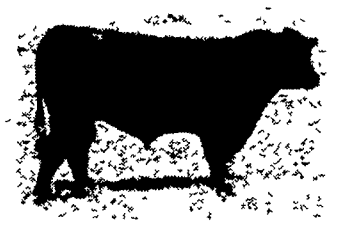


SAYRE PATRIOT
1977 National Champion Bull 1978 National Western Grand Champion Bull Sired the Grand Champion Female at the 1980 and 1981 National Western Stock Show Many females have calves at side by him and carry his valuable service

KEN CARYL MR ANGUS
1979 National Western Grand Champion Sired the Reserve Grand Champion Bull at the 1981 National Western Stock Show A number of outstanding females carry his valued service



SIR WMS ELECTOR
Grand Champion at the Iowa State Fair and one of the most popular young bulls on the Angus horizon



GREAT BIG NORTHERN
He has left an indelible mark of improvement on the Angus breed

SIR WILLIAMS EXCURSION
Supreme Champion at the All-American Angus breeders' Futurity His daughters are some of the most sought after in the breed today

"The IDEAL FEMALE"

The Ideal Herd has been built around great cow families, females that are very functional and excellent milkers. From the following strains you will have an opportunity to select great continuity and time-tested predictability.

SELLING...
102 MAY BLOSSOMS
37 BLACK PUDDINGS
26 IDESSAS
38 TROJAN HIGH HOOKS
29 MAGNET HENDERSONS
25 JENNY GIRLS
30 ELIDAS
46 BEASTIES
22 QUALITY MADAMS
This 270 female offering includes 14 "Pathfinder" cows.

MSU MISS EMULOUS 436
Grand Champion Female - 1975
All-American Breeders' Futurity

Through the years, Ideal has not actively shown their cattle, but their customers have enjoyed great success as shown above MSU Miss Emulous 436 was one of a female purchased at Ideal Farms

AUCTIONEERS:
CURT RODGERS
TOMMY WILLIAMS

For your free reference catalog outlining the entire Ideal success story, address:
Tom Burke/Bernie Scheer, Sale Managers
American Angus Hall of Fame, Smithville, MO 64089
816/532-0811

IDEAL FARMS
Augusta, New Jersey

JAKE TANIS, JR., Manager 201/383-5712
Mark Tanis, Herdsman
LOCATED ON U.S. 206, 5 MILES N. OF NEWTON IN NORTHWESTERN NEW JERSEY

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

THURS JUNE 18 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager; Robert Mullendore, Auctioneer

THURS JUNE 18 - Public Sale of Ford Auto & Truck Service Equipment, Rudnick & Matas Auctioneers, for details 302-658-7264

THURS JUNE 18 - 7 P M Public Auction of Real Estate Iron Horse Farm, Hunterdon Co , NJ Max E Spann Inc , Auctioneers

TURS JUNE 18 - 10 00 A M Public Sale of Real Estate, New Automotive Supplies, Located 22 26 State St , York, Sale of Bahn Automotive Blaine N Rentzel Auctioneer

THURS JUNE 18 - 6 P M Public Auction of Karl H Sangree Excavating Located at W Main Street, Jonestown, PA , Lebanon Co (West Main Street, Jonestown at Swatara Creek Bridge See signs) Ebersole and Shoop, Auctioneers

FRI JUNE 19 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son Auctioneers

FRI JUNE 19 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

FRI JUNE 19 1 P M Brooks End And Par-Kay Farm Sixtieth Annual Summer Sale At the Farm, Beavertown, Pa Owners Reno & Park Thomas & Mark Stehr Auctioneer Mike Jones, LaGrange, GA.

FRI JUNE 19 - 7 P M - Real Estate Auction Located 2 miles soth of Lancaster, PA along the New Danville Pike Rt 324, formerly known as the Terre Hill Orchard Farm #1 Terms by Francis G and Claudia H Martin Carl Diller, Auctioneer

FRI JUNE 19 - 7 P M - Real Estate Auction Located 2 miles south of Lancaster, PA along the New Danville Pike Rt 324, formerly known as the Terre Hill Orchard Farm #1 Terms by Francis G. and Claudia H Martin. Carl Diller, Auctioneer

FRI EVE JUNE 19 - 7 P.M Public Sale of 2 Parcels of Valuable Real Estate located just 2 miles south of Lancaster, Pa along the New Danville Pike (Rt 324) in Lancaster Twp , formerly known as the Cherry Hill Orchard Farm #1 Terms by Francis G. and Claudia H Martin, Carl and John Diller, Auctioneers

FRI JUNE 19 - 9 30 A M Public Sale of Real Estate, Office Equipment, Supplies, Held at Drawbaugh Office Supplies, 541 W Market St. York, PA Blaine N. Rentzel Auctioneer

FRI JUNE 19 - 7.30 P M. Public Auction of Kenneth Killian Estate at Adriance Farm, turn off Rt. 706 just East of Monrose, Pa at Andre's Fertilizer Plant and go 1½ miles to Watrous Corners, Susquehanna Co Arrows Ext 67 off I-81 Sale by Bertha Killian, Jim Adriance and Sons, Auctioneers

SAT JUNE 20 - 9 30 A.M Public Sale of Farm Equipment, Household Goods, Electric Supplies Located 179 E Church St , Reamstown, Pa Charles L Gehr Owner Nevin Z Martin and Lewis B Groff Auctioneers

SAT JUNE 20 - 10 00 A M Public Sale of Real Estate Antiques, Collectibles, and Household Goods Located ½ mile off Rt 225, 1½ miles west of the village of Urban, PA signs along Rt 225 day of sale Goldie Wilkinson Owner Dockey and Dockey Auctioneers

SAT JUNE 20 - 10 00 A M Public Sale of Real Estate, Vehicles, Tools, Building Materials and Household Goods, Located on the corner of 4 Pines Rd and Friendly Dr , approx 10 miles south of Lancaster on Rt 272, go through the Buck intersection and turn left on 4 Pines Rd or approx 4 miles west of of Quarryville on Rt 372, turn left on Friendly Dr just before the Buck intersection David Minder, Wooden Peg Contracting, owner Gary L Shirk and Lloyd Kreider Auctioneers

SAT JUNE 20 - 12 Noon Public Auction of Farm Machinery, Butchering Equip , Antiques and Household Goods Located approx 7 miles north of Millersburg or 4 miles south of Dalmatia along Rt 147, Northumberland Co Mr and Mrs Thomas Zerbe, Owners Mark and Dave Deibler, Auctioneer

SAT JUNE 20 - 11 A M Absolute Auction of Grain Storage, Drying and Unloading Equip at C W Kibler and Sons, Inc , 206 Cannon Street, Chestertown, MD Harry Rudnick and Son, Inc Auctioneers and Sales, Mgrs

SAT JUNE 20 - 10.00 A M Public Sale of Real Estate, Antiques, Collectibles and Household Items Located ½ mile off Rt 225, 1½ mile west of the village of Urban, PA Goldie Wilkin Owner Dockey & Dockey Auctioneers

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PUBLIC SALE

OF FARM EQUIPMENT, TOOLS, HOUSEHOLD GOODS, ELECTRICAL SUPPLIES

SATURDAY, JUNE 20, 1981

9:30 A.M.

Located at 179 East Church St., Reamstown, Lancaster Co., Pa.

HOUSEHOLD GOODS - ANTIQUES

Hardwick 5 Burner Gas Stove, like new; Ben Hur Freezer; Maytag Wringer Washer; Rinse Tub; Sofa Bed, like new; 6 - Plank Bottom Living Room Chairs; 3 - Stuffed Chairs; Tables; 2 - Dressers; Large Cedar Chest with Drawer; Metal Wardrobe; Bookcase; POT BELLY STOVE: 2 - Old Trunks; Lawn Furniture; Single Metal Bed with Mattress; Coffee Table; Electric Waffle Iron; Deep Fryer and Frying Pan; Skillets; Milk Can with Faucet; Wash Boiler; Old Kerosene Light; Hammock; Feather Pillows; New Embroidered Tablecloth; Comforters; crocks; Meat Hooks; Basket; large Old Agate Kettle; 2 qt. Blue Jars; Bird Cage; Clothes Bags; Car Seat Sheep Skins; 1962 World Book Encyclopedia with 2 Dictionaries and Atlas plus Year Books to 1974; Old Homemade Lard Cans; Cake Pans; some Dishes; Scales; Electric Clock; plus more.

FARM EQUIPMENT, TOOLS

Massey Harris Pony Tractor with 8"x24" Tire Chains; Two Way-Plow; Disc Harrow; Cultivator; Mounted Harrow; marking and Scraper Shovels; 6' Snow Blade; 16' Wooden Ext. Ladder; 10' Metal Ext. Ladder; 2 - Stepladders; Small 2 Wheel Trailer; Lawn Sweeper; 12 - 6' and 30 - 4½' Metal Posts; 48" Poultry Wire; 5 - Chicken Coops; Buck Saw; 50' High Pressure Hose; 11'x13' Tarp; Old Grindstone on stand; 4 - Brooder Stoves; ½" Black-Decker Electric Drill; Wrench Set 3/8" to 1¼"; Creeper; Brace and Bits; 5 Ton Hyd. and Handyman Jacks; 13' Log Chain; Chain Tightener; 1"x2"x13' Planks; Cement Block; Misc. Lumber; Wire Netting; 50' Garden Hose; Misc. Garden Tools; Child's Swing; 2 - Sleds; Strawberry Crates; Storm Windows; Screens; Rope; Ext. Cord; 22 Single Shot Rifle; 12 Ga. Single Shotgun; plus more Hand Tools not listed.

ELECTRICAL SUPPLIES

100 amp. and 60 amp. Safety Switch; Square D QO and Murry MP Brakers; 750' 12-3, 700' 10-2, 250' 10-3, Romex with ground; 63' 200 amp. Alum. Service Cable; 87' 100 amp. Copper Service Cable 10-2, 12-2, 10-3 and 14-2 UF Underground Cable with ground; 10-12-14 Ga. TW Single Wire; 15 Watts F15 T8 and T12/CW; 20 Watts F20 T12/CW; 3" and 4" Electric Boxes; Wall Boxes; 6-4 Alum. quadplex; 6-3 Alum. Triplex; Weather Proof Switch; Bottom Pull Candle Sockets; Swivel Flood Light Units; 2 - Ceiling Fixture with Globe; E.M.T. Connectors and Coupling; Cable Connectors; Wire Mold Boxes; 4' Dryer Cord; Lampholders; Clock Recept; Duplex; Switches; Plates; Lock Nuts; Bushing; Copper Lugs and Split Bolts; Alum. Split Bolts; Cable Clamps; conduit; Staples; Tape Mate; Fuses; Fusetrons; Cartridge Fuses; Fuse Reducers; Weather Proof Connectors; Thin Wall Pipe Benders; Screwdrivers; Electric Water Heater Elements; Square D Safety Switch; TIME CLOCK.

2 - PORTABLE ELECTRIC HEATERS, 4800 Watts, 230 Volts, one like new.

SALE ORDER Tools, Electric Supplies, Equipment, Household Goods. Come early and enjoy the day with us.

Sale for
CHARLES L. GEHR
215-267-5634

Aucts.
Nevin Z. Martin, Lewis B. Groff
Clerks: Martins
Not Responsible for Accidents
No Out of State Checks
Lunch by Indiantown S S. Class

PUBLIC SALE

OF FARM EQUIPMENT

Our Thirty-Sixth Anniversary Sale at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rt. 81 at Marion Exit, Rte. 914 on

THURSDAY, JUNE 25
"One Day Sale"
Tractors - Lawn Garden Equipt.

Tractors including John Deere, International, Fords, Massey Ferguson, David Brown, Oliver, A.C. and others, some with equipt., Ind. equipt. expected, Trucks, New Tools, posts, usual run of Misc. items, etc.

Hay Machines, Pickers, Farm Equipment

Hay machinery inc. Balers, Haybines, Rakes, Mowers, Conditioners, Sprayers, Elevators, and Hay and Forage Wagons, Combines, Pickers, Harvesters, Flail Choppers, Spreaders, Planters, Drills, Plows, Disc Harrows, Packers, new and used Rotary Mowers; Post Diggers Blades, Grinder Mixer, Chisel Plows, Posts, Hardware, Tires, etc.

FARMERS & DEALERS — Bring in your equipt. for this sale. No equipt. with liens accepted unless we are notified. Open 8 A.M. to 5 P.M. except Tuesday and Wednesday before sale until 7:30 P.M.

Terms: Cash. Lunch at Sale. Closed Sundays.

Ralph W. Horst, Manager
Marion, Pa. 17235
Phone: 717-375-2824

Rentzel, Wolgemuth, Anderson, Upperman, Martin, Speicher, Gossert, Auctioneers

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PUBLIC AUCTION

Montrose, Pa. Susq. Co.

Sale located on Pa. Rt. 29 in the village of South Montrose, 2 miles S. of Montrose & 18 miles N. of Tunkhannock.

SATURDAY, JUNE 20
9:00 A.M.

Partial listing: 20 Sterling salt Kubes, 19 bags super side, 3 Sureo Mycin Comb., 5 forage mix, 2000 UniRoyal V belts, 12 cases 8 & 40 Penny nails, 4 drums of 140 gear grease, Mineral & chassis gear oil, 6 drums Moly grease, 5 drums Exalt acid cleaner, 40 rabon Molasses med. blocks, 16-3 in. 1 blocks, 4 - Roto blocks, 62 bags Holite, 50 lb. Aquazine, Lipol & Arstell spray, Golden Malrin fly bait, 4c's Ortho fly spray, D-con, Rayon fly & worm blocks, salt blocks, window screening, cattle dust bags, feed scoops, Kendall milk filters - disk & strainer, Fanny flags, plastic silo covers, 16 cases Rockland super Kleen Kow, 5% Serum dust, angle iron, Roll st., asst. copper valve fittings, galvanized pipe, approx. 3500 bolts all sizes (lag, carriage & machine), screen, all types of galvanized & plastic fittings (T-elbow & nipple), lge. asst. of glass, 9 Wayne super livestock & dairy spray, Kowtowels, 12 new forks, 12 shovels, 50 brooms all types, pails, gloves, 6 volt & hot shot batteries, 15 elec. fencers, brushes, elec. & barb wire open & closed wrenches, bits, screwdrivers, Tingley boots, calf pails filler, 10-55 gal. drums, pails, nails, 4-2½ gal. Titan Insecticide, 4-c-Em-Die dairy sprayer, 6-H.S. fly spray, 7-Kleen Kow spray, Cases shop hand cleaner, veg. & tomato dust.

The above is only a partial listing of all new mdse. Farmers - Dealers and general public - here is your everyday needs and at prices you wish to pay. Beat the Inflation. Lunch served.

Terms - Cash or Bank money order check.

Owner
MONTVALE FEED INC.
South Montrose, PA

M.L. Bunnell Auctioneer & Sale Mgr.
Springville, Pa.
Ph. 965-2375
Poulsen - Poulsen & Weaver Auctioneers

PUBLIC SALE

of 139 Acre Dairy Farm, Farm Equipment, Dairy Cattle & Draft Horses

SATURDAY, JULY 11
@ 10 A.M.

Located @ R.D. #2, Danville, Pa. Take Rt. #54 North to Blinker Light @ Washingtonville, Turn right, go 1 mile to Hillside Rd., go 1 mile to farm. Derry Twp., Montour Co.

Real Estate: 139 Acre Dairy Farm - House - 2 story frame w/asphalt siding; 1st flr. has modern kit., dining rm., living rm., 3 bdrms., and new bath, 2nd flr. has kit., living rm., 3 bdrms. & bath, full basement w/cement flr., double garage door.

Barn & outbldgs: Stone & frame bank barn w/horse stalls & box stalls for heifers: New addition w/30 comfort stalls & 2 box stalls. 16'x20' block milk house; block diesel shed & 14'x60' Terre Hill silo.

Land: 139 acres total! 85 tillable, 10 pasture, remainder in woodland. Soil type: mixed loam. Water supply: stream, 2 wells w/windmill supply tank.

The terrain on this farm is level to gentle slope. All crops in the field except for 6 acres to tobacco are included in this sale at time of settlement. Also included are the Diesel engine and compressors.

Terms: 10% down day of sale, settlement by Oct. 15, 1981.

For information and inspection call Horning Farm Agency, Inc. 215-286-5183 or Titus Snader @ 717-437-2714.

Terms by:
BENUEL S. & FANNIE STOLTZFUS
Robert Marks, Esq.
HORNING FARM AGENCY, INC.
Elton & Alvin Horning, Auctioneers
Main St., Morgantown, Pa.
215-286-5183

PUBLIC SALE

TUESDAY, JUNE 23, 1981
at 11:00 A.M.

Located along Rt. 514 in West Franklin, Bradford Co. Pa. In Canton take Route 414 East 13 miles to West Frankin to Rt. 514.

7 TRACTORS 7 FARM EQUIPMENT

David Brown 1212 D.; Ford 600 Gas; IH 460 gas tricycle; IH 350 gas tricycle; IH 350 gas Utility; Farmall M; Newfield 460 D.; IH 1150 Grinder Mixer (1 yr. old); HAYBINES- IH 990 (2 yrs. old); N.H. 489 (2 Yrs. old) N.H. 469; NI 9 ft. Mow/Ditioner, Two pitmanless Mowers - N.H. 450 and Massey Ferguson; IH 450 Baler w/#10 thrower, N.H. 54A bale thrower; FOUR self-unloading wagons- Gehl 14 ft. (used 2 yrs.), Grove 14 ft.; Gehl tandem running gear w/3 beaters; Papec ; 2 flat bed wagons CHOPPERS- N.H. 717 super w/1-row cornhead & grass pickup; J.D. #6; Papec #32 PTO; Gehl Chop-All; N.H. 770 Chopper base; N.H. Super 717 chopper base; Gehl Chop-all w/2-row wide corn head; Gehl Chop all w/1-row corn head & pickup head; IH #16 w/1-row corn & grass head; Gehl FB 88 Hi-thro Blower; N.H. 36 Flail chopper, N.H. 120 bu. tank spreader; J.D. 4-R. 1240 plateless corn planter, IH #56 2-R. corn planter; J.D. 4-R. Cultivator; John Blue field sprayer (S.S. tank-30' booms) Mc. Fert. spreader, J.D. 13 disc grain drill; PLOWS- Oliver 3 B. 16" trailer trip-back- 2B. 12" 3-pt.; J.D. 3 B. 16" trailer; J.D. 3 B. 14" trailer; 9 Ft. Dunham double-roll cultpacker; Ford 10 Ft. Disc; Pittsburg 12 ft. drag; Elec. cement mixer, 3 pt. buzz saw; 3-pt. scoop, 2-pt. IH scraper, HORSE EQUIP. Three 2 B. Oliver trailer plows, 3 Sulkey plows, 4-wh. horse wagon, IH corn binder, IH adapter (2pt. to 3pt.) Two 38" Massey H. Wheels, two 12' gates, Universal tank washer, dumping station, Welder, Air compressor, grinder, Some small tools.

Come Early Not many sm. items. Subject to change, due to prior sales.

Lunch Available.

TERMS Cash or Good Check.

SALE BY
WILMER MARTIN
PH. (717) 364-5741
or 364-5144
C.H. WOLGEMUTH AUCTIONEER
PH. 717-665-5664

PUBLIC AUCTION

SATURDAY, JUNE 20, 1981

AT 12:00 NOON

Located approx. 7 miles North of Millersburg or 4 miles South of Dalmatia along Route 147, Northumberland County.

FARM MACHINERY

Int. 504 Tractor (762 Hrs.) Power Steering in Excellent Condition, Int. 14" (3) Bottom Plow, 2 Pt., Int. Cultivator for 504 Tractor (Hydraulic), Int. Scraper Blade 2 Pt., Int. No. 14 Side Delivery Rake (like new), Int. No. 311 PTO Stalk Cutter, Int. No. 45 PTO Hay Baler, Int. 6 Row 125 Gal. Sprayer (like new), Int. 6' Combine w/Grain Bin, Wood Bros. Single Row Corn Picker, Int. (3) Section Spring Tooth Harrow, 9' Disc, Case Flat Bed Wagon, Ontario 13 Hole Grain Drill, Oliver Walking Plow, Hog Trough, Bailer Twine, Hay Hook & Rope, Work Bench, Wooden Corn Planter, Block & Tackle, Belt, Clevis, Single & Double Trees, Log Chains, Forks, Ax, Stone Hammer, Push Mower, Pulleys, Shovels, Carpenter & Garden Tools & Other Tools.

BUTCHERING EQUIP., ANTIQUES & HOUSEHOLD GOODS

Holinck Butcher Shop Meat Grinder, 2 Beam Scales, Sausage Stuffer & Lard Press, 8 & 6 Gal. Crocks, 5 Gal. Jug, Wooden Bushel, Iron Water Pump, Shoe Stand, Wash Boiler, Scale, 4 Burner Kerosene Canning Stove, 5 Piece Dinette Set, Desk Chair & Some Smaller Items.

AUCTIONEER NOTE: The farm machinery is in excellent condition & well taken care of. This is a short sale, so be on time.

OWNERS

MR. & MRS. THOMAS H. ZERBE

AUCTIONEERS:

MARK & DAVE DEIBLER

717-692-4473 — 896-8530

PUBLIC SALE

FARM, RANCHER, WOOD LOT

THURSDAY, JUNE 25, 1981

At 6:00 P.M.

The undersigned located along Shaffer Road, Codorus Twp., York Co., PA. 1 mile west of Shaffer's Church & 2 miles east of Jefferson Borough (Shaffer Road intersects Buffalo Valley Rd. & Shaffer's Church Rd.), will offer at public sale on the premises the following:

FARM - TRACT #1

Farm containing 69.1 A., more or less, improved with 3 bedroom frame dwelling having ½ bath on first floor and full bath on second floor, 2 story summer house with fireplace & running water, large bank barn, 2 wagon sheds, large 2 story block chicken house, frame chicken house, 6 pen hog sty, garage with ground cellar, & utility buildings. This farm has hard road frontage, a meadow with a stream running through, and good farming ground.

RANCHER - TRACT #2

3 bedroom brick rancher with a breezeway & 2 car garage attached, having large kitchen with bar, adequate cabinets, dishwasher & range, living room, bath with shower, fireplace, oil fired hot water central heat, thermal glass throughout, and wall to wall carpet. This dwelling was constructed 8 years ago and is erected on a parcel containing 1.2839 Acres, more or less. Tract #2 adjoins Tract #1, fronting Shaffer Road.

WOOD LOT — TRACT #3

Wood lot having an area of 10 A., more or less, with assorted medium timber. This tract is located close to Greenmount U.M. Church.

For information and inspection call area code 717 229-2240.

TERMS: REAL ESTATE - 10% Down, Balance within 45 days.

Tract #1 and #2 will be offered at site locations. Tract #3 will be offered at Tract #2.

RAYMOND J. SHARP

LAURA E. SHARP

J. Ross McGinnis, & Mark D. Frankel, Attorneys at Law

C.C. Miller & Sons - Auctioneers & Clerks

Ph. 717-235-3627

6 AC. JUNIATA CO. FARMETTE AT ESTATE SALE

SATURDAY, JULY 11

Located 6 mi. northeast of Mifflintown.

2½ story, 7 room frame dwelling, small barn, sheds & stream.

For info, contact:

Long Bros., Aucts.

R.D. #2

Port Royal, Pa. 17082

Ph. 717-527-4784

PUBLIC SALE

Of Real Estate

SATURDAY, JULY 18

11:00 A.M.

Located along Old Rt. 22, Upper Bern Twp., Berks Co., Shartlesville, PA.

108 acre farm with 2 frame houses and bungalo, barn and outbuildings, 81 acre farm, house and apartment, barn and out buildings, 50 acre tract of woodland, Blue Mt. area and 20 acre tract of open land in the village of Shartlesville.

Terms by,

GRACE M. LESHER ESTATE

Attorney Larry Wart

Horning Farm Agency Inc.

Main St., Morgantown, PA

Elton & Alvin Horning, Auctioneers

215-286-5183

Watch for full listing next week

PUBLIC SALE

OF REAL ESTATE AND HOUSEHOLD GOODS

SATURDAY, JUNE 27

11:30 A.M.

Located ½ mile off Rt. 625. 1 mile South of Bowmansville along Spooklane Road, Brecknock Twp., Lancaster County, Penna.

5 Room Modular Home

including bathroom, modern kitchen, large living room, and 3 bedrooms. Full basement with cold cellar. Good well water. Oil fire hot water heat. One car garage. Situated on approximately ¾ acre lot, garden and lawn. Property in good condition.

Terms of sale: 10% down day of sale, balance within 45 days.

For appointment to inspect property call 215-445-6850. Real Estate at 2 P.M.

Terms by,

HOWARD H. & MOSES H. MARTIN

Executors for the Anna H. Martin Estate

Attorneys: Gibbel and Kraybill

HOUSEHOLD GOODS

Hotpoint Freezer 14 cu. ft.; Hotpoint Refrigerator; Maytag Wringer Washer; 5 Legged Extension Table with boards; Buffet with Mirror; 5 Plank Bottom Chairs; Kitchen Chairs; Rocking Chairs; Step Stool; High Chair; Lawn Chairs and other Chairs; Recliner; Desk; Dressers; Iron Double Bed with Matress; Iron Single Bed; Chest of Drawers; several Small Chests; Sofa; 8 Day Mantel Clock; Singer Treadle Sewing Machine; Singer Electric Sewing Machine; Bench; Small Iron Baby Crib; Couch; Electric Clock; Kitchen Cabinets; Ironing Board; Electric Vacuum Cleaner; Quilt Frame; Old Trunks; Blankets; Pillows; Clothes Tree; Card Table; Night Stand; Rugs; Galvanized Tub; Silverware; Dishes; Kettles; S.S. Cooking Utensils; Gravy Mugs; Glass Dishes; Plates; Scrapbooks; Old Metal Butter Churn; Corn Dryer; Market Scales; Coal Bucket.

A few Garden Tools; Rotary Lawn Mower; Wheelbarrow; Hose; Sprinkler; Aluminum Step Ladder; Shovel; Rake; Hoe and more items not mentioned.

Terms by,

HOWARD H. & MOSES H. MARTIN

Executors for the Leah M. Martin Estate

Auctioneers:

LeRoy S. and Paul W. Horst

Clerks: Martin & Horst

Not Responsible for Accidents

HEIFER SALE

SATURDAY, JULY 25

12:00 Noon

Located at Solanco Fairgrounds, Quarryville, Pa.

Sponsored by

Solanco Fair Association

KENNETH KILLIAN ESTATE

PUBLIC AUCTION

FRIDAY, JUNE 19

7:30 P.M.

At Adriance Farm, turn off Route 706 just east of Montrose Pa. at Andrie's Fertilizer Plant and go 1½ miles to Watrous Corners. Exit 57 off I-81 Susquehanna County. Arrows.

28 HOLSTEINS (1 JERSEY)

27 Mature Cows

1 Yearling Heifer

1 Service Bull

This dairy is mostly bred back for July and August through the Fall. Many dry now and handling calves. Vet Examined and Interstate Charts.

MACHINERY- AC D17 tractor tricycle 3 pt; JD 50 Tractor tricycle; AC WD45 tractor (needs engine overhaul); JD B Tractor (not running); AC 4B 3 pt. plows; JD transport disc; harrow; Oliver 2 Row Planter; JD mower; NI conditioner; NI corn picker; NI spreader; JD 13 hole drill; Oliver baler with thrower; JD flail chopper; 3 running gears; 1 with Farmhand steel box; 2 fencers; barn fan; 25 gallon liquid fertilizer.

GIRTON 200 Gallon Tank; 2 Surge machines.

1974 FORD MAVERICK AUTOMOBILE, Ford 250 pickup.

NI 272 Cut/ditioner NH 256 Rake.

Also an assortment of tools, grinder, taps, wrenches, etc. etc. from a different owner.

Also 1 Horse Cutter, Girton 500 Gallon Tank.

Terms- Cash or approved check.

Owner

BERTHA KILLIAN

RD1 Shickshinny, Pa.

Auctioneers

Jim Adriance and Sons

Montrose, Pa.

717-278-1574

Zagaschtoko Dispersal

Located in Brownstown Rd., 3 miles from Caton, N.Y., 10 miles from Elmira, 10 miles from Lawrenceville, Pa., 15 from Corning. Watch for auction arrows off Rt. 15 at Lindley, N.Y. Take County Rt. 106 from Lindley or Caton to Brownstown Rd. Due to labor situation I will sell the following on

SATURDAY, JUNE 27

at 1:00 Sharp

82 - High Grade Holsteins - 82

Herd consists of 62 mature cows, 3 springing hfrs., 9 bred hfrs., 6 started calves & 2 service sires. 45 of these cows have freshened in the last 15 to 90 days, balance in all stages of lactation. Interstate tested, preg. ex.

Machinery

N.H. 325 grinder mixer (good); Gehl chopper w/1 row corn head; Gehl self unloading box; F-20 Farmall tractor (needs repairs); AC 303 baler; Case 13 disk grain drill; IHC 2 row corn planter; 3 pt. hitch; 2 running gears; IHC 4 bottom 3 pt. plows; 2 pt. hitch; 2 pail milkers; 10x10 overhead door; stanchions; gas tank, pallets; wagon jack; kerosene stove; & a few other pieces but no small items. Selling order machinery at 1:00 sharp, cattle approx. 2:00.

Sale Mgr. note:

A real milking herd here, a little on the thin side as Mr. Zagaschtoko doesn't feed much grain. Cows averaging right at 50 lbs. a day at present. Plan to get your replacements at this sale. See you June 27 at 1:00.

Terms: Cash or Good Check. Lunch Available. Sale under Cover.

Owners,

HARKIM & GISELA ZAGASCHTOKO

Phone 717-549-4901

For the most in advertising coverage and preparing your sale, call Wood's Auction Service.

Public Sales Register

SAT. JUNE 20 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT. JUNE 20 - Real Estate Sale near Mifflintown, PA For information contact First Nat. Bank, Trust Dept Mifflintown, PA 717-436-2144

SAT JUNE 20 - 10 00 A M Public Sale of Crawlers, Trucks and Building Materials. Located on Hartman Bridge Rd, Ronks Rd 1, PA East of Lancaster on Rt 30 to 896 south 2 miles on left, Lancaster Co, PA Sale by Clair W. Denlinger, Inc. Elvin Siegrist and Alvin Miller Auctioneers

SAT JUNE 20 - 11 00 A M Public Sale of Farm Machinery, located at Indian Hill Farm, 2½ miles north of Rt 46 Great Meadows, NJ on Rt 611 the Hope-Great Meadows Rd, 7 miles NW of Hackettstown, NJ Estate of Lawrence W Ostafin Col Fred R Daniel Auctioneers, Inc

SAT JUNE 20 - 9 00 A M Public Sale Held on PA Rt 20 in the village of South Montrose, 2 miles south of Montrose and 18 miles north of Tunkhannock Montvale Feed Inc Owner M L Bunnell Auctioneer and Sale Manager

MON JUNE 22 - 5 30 P M. Public Sale of Tractors, Trucks, Farm Machinery Located approx midway between Littlestown and Hanover, PA along Rt 194 at the James Spalding Livestock Farm Mary H Spalding Owner Dennis J Plunkert Auctioneer.

MON JUNE 22 - 6 30 P M Public Sale of Butchering Equipment and Tools Located at Sechrist Sales Co Livestock Auction, near New Park, PA York Co

MON JUNE 22, - 2 P M Danville - Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

TUES JUNE 23 - 6 30 Real Estate Auction Located in Perry Co, Juniata Twp, 2 miles west of Little Buffalo State Park on Little Buffalo Rd, 431 and Cole Storage Rd 1 mile south of Skyline Corner Roger T Green and Barbara G Reidlinger Owners Kling's Auction Service.

TUES JUNE 23 - 11 A M Public Sale of Tractors and Farm Equipment located along Rt 514 in West Franklin, Bradford Co, Pa in Canton take Route 414 East 13 miles to West Franklin to Rt 514 Sale by Wilmer Martin, C H Wolgemuth Auctioneer

TUES JUNE 23 - 8 P M Complete Herd Dispersal out of Connecticut (52 head) to be held at the Smoketown Quality Dairy Sales barn, Smoketown, Pa 5 miles East of Lancaster and 5 miles West of Intercourse, Pa along Route 340 Sale by Gordon W Fritz, Paul Snyder and Carl Diller, Auctioneers

TUES JUNE 23 - 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer.

WED JUNE 24 - 7 00 P M Ephrata Union School District sale of 10 301 acres undeveloped land Held at the west end of Akron Borough fronting on Rothsville Rd, Akron, Lancaster Co, PA T. Glenn and Timothy G Horst Auctioneers.

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

WED JUNE 24 - 9 A M Public Sale of Real Estate Located at 1004 Village Road, Lampeter, West Lampeter Twp , Lan caster Co , PA (Just east of Lampeter Sqare along Rt 741) Mrs and Mrs Harry Gerlach, Owners Howard Shaub and Roy Probst, Auctioneers

THURS JUNE 25 - 5 00 P M Public Sale of Antiques and Collectibles, Rugs, Household Goods Located on Rt 225 in the Borough of Berrysburg, PA Gene R Boak Owner Dockey & Dockey Auc tioneers

THURS JUNE 25 - 6 P M Public Sale of Farm, Ran cher and Wood Lot Located along Shaffer Road, Codorus Twp , York Co , PA 1 mile west of Shaffer's Church and 2 miles east of Jefferson Borough (Shaffer Road intersects Buffalo Valley Rd and Shaffer's Church Road) Raymond and Laura Sharp, owners C C Miller and Sons, Auc tioneers

FRI JUNE 26 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

SAT JUNE 27 - 11 A M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auc tioneers

SAT JUNE 27 9 00 A M Public Sale of Tinsmith Tools, Equipment, Tinware and Large Antique Collection Located along Rt 322, 1 mile east of Intersection with Rt 23, Blue Ball, Lancaster Co , PA Sale for Maynard M Windle H H Leid Auction Service

SAT JUNE 27 - 9 00 A M Public Sale of Real Estate, Machinery, Truck, Misc Items Located in the city of Shamokin, PA at 22 south Pearl St 2 blocks east of Shamokin St Watch for signs Korbich Lumber Co , Inc Owner Dockey & Dockey Auctioneeers

SAT JUNE 27 - 1 00 P M Marlu Farm Sale Cows and Heifers Held at 825 Newman Springs Rd , Lincroft, NY, Bus Transportation available, from East Town Mall, Rt 30, Lancaster, 717-768-3545

SAT JUNE 27 - 11 30 A M Public Sale of Real Estate & Household Goods Located off Rt 625 1 mile South of Bowmansville along Spooklane Rd Terms by Howard H & Moses H Martin, executors for Anna & Leah Martin LeRoy S & Paul W Horst Auctioneers

SAT JUNE 27 - 10 00 A M Public Sale of Antiques and Collectibles, Personal Property Located 6 miles north of Hegins in the village of Franklin Square, Mahantongo Valley, Schuylkill Co , PA Turn west off Rt 125 at Keim's Cafe Take road toward Klingerstown Estate of Palmer C Haas George and Mike Deibert Auctioneer

SAT JUNE 27 - 9 00 A M Public Sale of the Maynard W Windel Tinsmith, Tools, Equipment, Tinware and Large Antique Collection Located along Rt 322 one mile east of intersection with Rt 23, Blue Ball, Lancaster Co , PA H H Leid Auction Service

SAT JUNE 27 - 1 00 P M Public Sale of Holsteins and Machinery Located on Browntown Rd , 3 miles from Caton, NY 10 miles from Elmira, 10 miles from Lawrenceville, PA 15 from Corning Watch for auction arrows off Rt 15 at Lindley, NY Take County Rt 106 from Lindley or Caton to Browntown Rd Hakim and Gisela Zagaschtoko Owners Gordon Wood Sale Manager

ABSOLUTE AUCTION

GRAIN STORAGE, DRYING, UNLOADING EQUIPMENT AT
C.W. KIBLER & SONS, INC., 206 Cannon Street, Chestertown, Md.

SATURDAY, JUNE 20
AT 11 A.M.

Butler Grain Tanks: 36'x24' (22,500 bu.), Bin Sweep, 18'x32' (5000 bu.), 18'x36' (6700 bu.), 18'x32' (5000 bu.), (2) 12'x24' (3600 bu.) Grain Tanks...(3) 2500 bu. per hr. elevators 45'&55'&90' tall...30 ton - 30' platform lift, one Duplex front wheel truck lift...HESS 600 bu. per hr. DRIER WITH MOTORS & FANS #1000A, pole mounted box car thrower, 4000 gal. fuel tank, 50'x9" Auger, 12'x9" Auger, 20'x12" Auger, 14'x12" Auger, 20'x9" Auger, 16'x9" Auger, 22'x16" Auger, 20'x16" Auger, 30'x9" Auger (with 2 to 7½ hp motors & speed reducers....

Lots of electric fuse & reset Boxes, starter switches, tube augers, piping, Flex. buckets, 2 & 3 way valves, portable 30'x6" tube Auger, 33' alum. Fruehauf tandem trailer, (2) 50 hp motors and lots more...

Inspection: Sat. & Wed. June 13 & June 17 from 10 a.m. till 2 p.m. also morning of sale.

Terms: Cash or approved check. Items to be removed at buyers' expense. (removal time).

C.W. KIBLER & SONS, INC.
Owner
Joseph W. Strong, President
Chestertown, Md.
HARRY RUDNICK & SONS, INC.
Auctioneers & Sales Managers
of Galena, Md. 21635
Phone: 301-648-5601

AUCTION

SATURDAY, JULY 11

Subject to Confirmation

70 ACRE FARM
7 PARCELS

Combinations or Entirety
INSPECTION, Thursday, June 18th, 5-8 P.M.
REAL ESTATE AT 12 NOON

TERMS: Successful bidders will pay $4,000 each on parcels #2 and #7, and $1,000 on each of the remaining parcels in certified cashiers checks and the balance on or before September 15, 1981.

FARM AND PERSONAL PROPERTY
AT 10 A.M.
(Full listing later)

Directions from Rte. #322 at Thompsontown Exit, turn North and follow road past East Salem, approximately 6 miles, to Cocolamus. Turn right immediately after crossing bridge, then left on 1st Rd. (about 100 yds.) ⅓ mile to farm.

FOR DETAILED BROCHURE-
CALL OR WRITE

JOHN B. NIESLEY
BROKER-AUCTIONEER
32 W. High St.,
Carlisle, PA 17013
(717) 249-8787

SPECIAL HEIFER SALE

TUESDAY, JUNE 16
7 P.M.
Located at Green Dragon Livestock Sales, 1 mile north of Ephrata, Pa.

Approximately 300 head

Included in this sale will be heifer calves, springing and fresh heifers, also 25 young springing cows and 2nd & 3rd calves due June and July.

30 NY state heifers open and bred.

35 real fancy open vaccinated heifers.

Mostly big springing heifesr from Balmer Brothers.

50 head from Bob Kennedy.

1 Load of Perry Co. purebred and grade heifers from Duane and Danny.

1 Load from Ed Stover, some purebred, balance grade.

1 Load Red & White heifers from Stoner Brothers, 3 real fancy Red & White due July.

2 Loads from Lebanon Co. purebred and grade, open and springers.

18 head of vaccinated heifers from Ken Emery.

1 Load of cows and heifers from Ed Smoker.

All consignments are welcome. 30 day test and vet checked.

WALTER H. RISSER,
PROPRIETOR
717-733-2444 office
717-838-4318 home

PUBLIC SALE

Liquidation of Overstock

CRAWLERS, TRUCKS, and BUILDING MATERIALS
SATURDAY, JUNE 20
10:00 A.M.

Located on Hartman Bridge Road, Ronks R1, Pa. East of Lancaster on Route 30 to 896 South 2 miles on left, Lancaster County.

450 CASE TRACTOR on track with 1 yd. front end loader; 300 MASSEY FERGUSON on track with 1½ yd. front end loader; 1972 CHEV. DUMP TRUCK with snow equipment (A-1 Condition) 30,000 Gross; 1970 CHEV. DUMP TRUCK, 26,000 Gross; 1973 CHEV. PICK-UP with straight shift; 1971 CHEV. PICK-UP Automatic.

Two used truck engines, truck seat, 9x20 recapped truck tires.

ROYCE C B BASE & TOWER, 4 - CB's

Two western mortar mixers (1 elec. & 1 gas), Portable air compressor, Propane torch set, 225 amp miller welder, concrete floats, trowling machine, Briggs engine, Emergency starter set, Car wash, Air nailer, Hammer guns, Power floor nailer, 10" Skilsaw, Craftsman ½" drill, Saw sharpening machine, Retoother.

3,500 watt Briggs Generator

Portable office trailer, Wood trailer lic-3,000 lbs.; Snowmobile trailer.

Misc. hydraulic hoses, Snap ties, Power take off items, roof bucks, Ammo pins, Mitre box, Dry wall stilts, Tri-pod transit and stand, 5 gal. plastic buckets, hard hats.

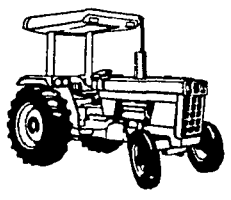
9x7 GARAGE DOOR
complete with hardware
Two Used Gas Tanks

Misc. spouting, Siding, Shutters, Storm windows, Lock sets, Insulation, Ceiling tile, Molding, Paneling, Slate, Windows & doors, Planks, Poles, Shingles, Sewage pipe, 30" galv. pipe, Cast iron pipe, Misc. plastic pipe ½" to 1½", Water heater, Electrical supplies.

Many items too numerous to mention.

ABOVE ITEMS IN GOOD CONDITION
NO OUT-OF-STATE CHECKS
NOT RESPONSIBLE FOR ACCIDENTS
LUNCH AVAILABLE
SALE BY:
CLAIR W. DENLINGER, INC.

Auctioneers:
ELVIN SIEGRIST, Ronks, Pa.
687-6857
ALVIN MILLER, Lancaster, Pa.
392-1547



Estate Farm Machinery Auction

SATURDAY, JUNE 20
at 11 A.M. - Great Meadows, N.J.

For the Estate of Lawrence W. Ostafin (Indian Hill Farm), 2½ mi. North of Rt. 46 Great Meadows, N.J. on Rt. 611 the Hope-Great Meadows, Rd. 7 mi. N.W. of Hackettstown, N.J.

11 A.M. - Various Small Items
12 Noon - Barn Equip.

Girton 440 gal. SS Bulk Tank, wash tub, Clay 40 cow barn cleaner, 45 stanchions and 15 water cups.

12:30 3 Tractors

IHC 656 gas W.F. 3 PTH good, Farmall M Farmall H w/loader, N.I. 272 cutditioner, A-1, N H 256 hay rake like new, N.I. 218 manure spreader good, IHC 710 semi mtd. 4 btm. auto reset plow good, IHC 350 chopper w/corn hd., Case PTO hay baler, IHC 2 row corn planter, rear scraper, A.C. blower w/pipe, 10 ft. hyd. disc, hay wagon, IHC chuck wagon, Ontario drill.

As Is Equip.: 61 Ford F250 pickup 4x4 w/snow plow and hitch, Diamond T 1½ ton truck, Dodge 1 ton, Mercury car, AC round baler plus various old machinery and scrap items. Owner and auctioneer not responsible for accidents.

Terms - Cash or Good Checks with I.D. Full payment on sale day!

Sale for the Estate of
LAWRENCE W. OSTAFIN
Great Meadows, N.J.
Sale Conducted by: Col. Fred R. Daniel Auctioneers Inc.
Neshanic Sta., N.J. 201-369-4784

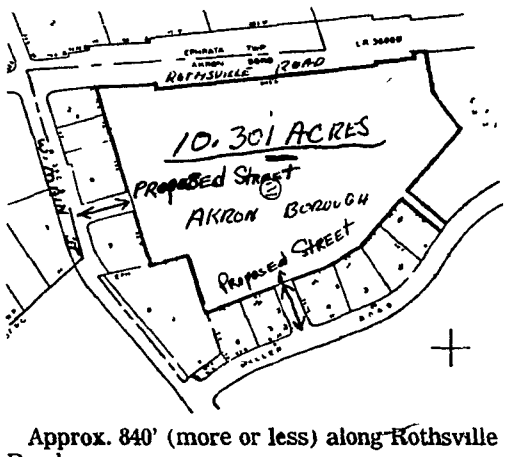
EPHRATA UNION SCHOOL DISTRICT

PUBLIC SALE

OF 10.301 ACRES UNDEVELOPED LAND
WEDNESDAY EVE., JUNE 24
SALE TIME 7:00 P.M.

Located at the west end of Akron Borough fronting on Rothsville Road, Akron, Lancaster Co., Pa.

10.301 ACRES
AKRON BOROUGH



Approx. 840' (more or less) along Rothsville Road.

ACCESS TO PROPERTY — Proposed street off Main St. Proposed street off Miller Road.

This is a very desirable property located adjacent to fine residential area. Near golf course! Easy access.

For further information call auctioneer 859-1331.

TERMS BY:
EPHRATA UNION SCHOOL DISTRICT
T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331
Shreiner & Patterson, Attys.

June is dairy month

MEL KOLB, INC.

June is dairy month

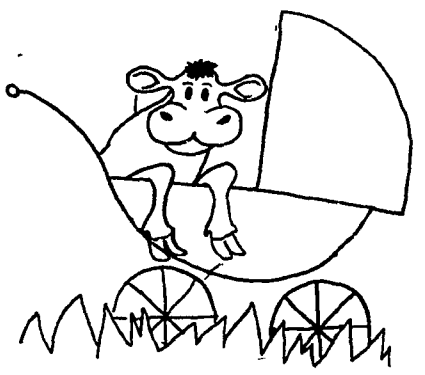
PRESENTS OUR SPECIAL JUNE DAIRY MONTH SALE

THURSDAY, JUNE 18th 1981 at 7:30 PM

Sale to be held at my Maryland Farm Sale Barn
Located ½ mile Northwest of Woodsboro, Md. on Rt. 550 in Frederick County.

KOLB's KOW KOUNTRY KLASSIC

THE FIRST ANNUAL KOW BEAUTY PAGEANT



GRAND PRIZE: A PURE BRED HEIFER CALF

"HETTIE THE HEIFER"

To Any Registered Buyer
Must Be Present To Win

HERD DISPERSAL

50 HEAD OF GRADE COWS SELL FROM THE FINEST HERD OF 62 COWS.

These cows are all AI Sired and AI Bred. They test from 3.8 to 4.1 Their DHIA records show an average of 14,800M with 535 Fat.

This is a home raised herd of young fancy uddered cows with good sound legs and lots of potential. Some are just fresh, lots of Summer cows. The balance are in all stages of lactation.

11 heifers are included with this herd.

We are really proud to have this outstanding young herd for our June Dairy Month Sale.

DAIRY PRODUCT DOOR PRIZES
Will Be Given Away
To Registered Bidders

150 HEAD DAIRY COWS 150

75 Purebred cows, some with records and pedigrees. All hand picked especially to help our farmer friends at the Maryland Sale.

25 of these will be first calf heifers
50 are big fancy Grade heifers
25 real top Grade cows that wil milk up to 100 lbs.

All these cows and heifers will be just fresh or springing, ready to reshen June or July.

We really try to pick the very best from high producing herds in a variety of states.

All cattle T.B. and Blood Tested and checked by licensed vet before sale.

Every cow is recommended as she is.

SPECIAL MENTION

Four extra good 1st calf Purebred heifers picked from one of the top herds in Maryland.

A 2 yr. old, fresh May 25, 1981, ENG AMER IVANHOE JERRY daughter from Delati Alston Gerri Martin daughter, as 3-8 mo. 332 dys. 16,420M 4.4% 733F.

A 2 yr. old FRANLANE BLACK KNIGHT daughter, fresh May 20, 1981 from Duncravin Boehms Countdown daughter as a 2-1 mo. 341 dys., 19,310M 643F. This year milked up to 111 lbs. for tester. Next dam Round Oak Rag Apple Elevation daughter.

Two-2 yr. old granddaughters of Pawnee Farm Arlinda Chief. (One) fresh May 8, 1981 from MD Gaye-Wind Merry King daughter as 4-5, 307 dys. 18,140M, 4.1%, 736F. Number #2 daughter fresh May 25, 1981 from Arlinda Jet Stream daughter as 2-3, 280 dys, 14,910, 4.0%, 603F. Next dam Paclamar Astronaut as 6-6, 321 dys. 16,930, 3.8%, 642F.

Thank You,

MEL KOLB
2220 Dairy Road Lancaster, PA 17601
Ph: 717-569-2106 or 569-6800
Residence 717-393-7459

Robert Mullendore - Auctioneer
Merle Wachter - Clerk
Henry Kettering - Pedigrees

Free Transportation For Lanc. Co. Amish
Call 717-569-2106 or 569-6800
Calls must be placed before 2 P.M. Thursday, June 18th.

MARYLAND FARM
Thomas Miller, Manager
11342 Cragerstown Rd.
Woodsboro, MD 21798
Ph: 301-898-7720/7663

LANCASTER FARM
Dennis Kolb, Manager
2220 Dairy Road,
Lancaster, PA 17601
Ph: 717-569-2106/6800

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

MON EVE JUNE 29 - 6 00 P M Public Sale of Collector Guns, Antiques, Household Goods, Moped, Sporting Goods, Misc Located along US 322 approx 4 miles west of Ephrata, near the village of Clay Terms by Dick Sherk T Glenn Horst and Timothy G Horst Auctioneers

MON JUNE 29, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JULY

THURS JULY 2 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 3 - 10 00 A M Public Sale of Antiques, Cars, Sterling Silver, Diamonds, Pewter and Coins Located at 31 Sunset Place, Lancaster, PA Just off Rt 501 south of Neffsville, near Overlook and Armstrong Manor Commonwealth National Bank, Attorney-in Fact for Norman M Badorf and Ella H Badorf T Glenn Horst and Timothy G Horst Auctioneers

SAT JULY 4 - 10 00 A M Public Sale of Real Estate, Household Goods, Antiques, Tools, Tractors, Car, Etc Located 4½ miles W. of Berwick, PA, 1½ miles off Rt 93 along Yost Hollow Estate of Willis H Hess Max Fraley & Son Auctioneers

SAT JULY 4 9 30 A M Public Sale of Private Collection of Indian Artifacts and Guns John Elker Collection held at Redding Auction Service, Rd 6, Gettysburg, PA Located taking Rt 34 north from Gettysburg bear right at Y (at car wash) and continue 2 miles on Table Rock Rd to sale C David Redding Auctioneer

MON JULY 6 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS JULY 9 - 2 P M Public Sale of Valuable Real Estate located off Springwood Road on Chestnut Hill, short distance from Ore Valley Elementary School in York Twp , York Co , PA Mr and Mrs Vito Spagnola, Owners Jacob Gilbert, Auctioneer

SAT JULY 11 - 10 A M Benefit Sale for Haneyville Fire Co Located at the Haneyville Fire House North of Lock Haven, Pa along Rt 664 Auctioneers Ira Stoltzfus & Son & Jay Leary

SAT JULY 11 - 10 A M Public Sale of Real Estate, Trucks, Construciton Equip and Tools Located at 178-180 S Fifth Ave , Columbia, PA Droege and Zeamer, Owners Jacob Gilbert, Auctioneers

SAT JULY 11 - 6 Acre Juniata Co Farmette Estate Sale Located 6 miles northeast of Mifflin town, PA. Long Bros , Auctioneers

SAT JULY 11 - 9 00 A M Public Sale of Real Estate, Antiques and Collectibles, Personal Property, Silver Coins and Indian Head Pennies Located 812 W Main St , Rt 23, Valley View, Schuylkill Co , PA 8 miles west off I-81 exit 34 Anna E Williams Owner. George and Mike Deibert Auctioneers

SAT JULY 11 - 10 A M Auction 70 Acre Farm - 7 Parcels, Farm and Personal Property, Furniture and Appliances, Automobile, Farm, Garden and Lawn Equipment and Tools Directions from Rte #322 at Thompsontown Exit, turn North and follow road past East Salem, approximately 6 miles to Cocolamus Turn right immediately after crossing bridge, then left on 1st road (about 100 yds) ⅓ mile to farm John B Niesley, Broker Auctioneer

WED JULY 15 - 1 30 P M Land Auction Located 1 mile north of Exit 17, I-81 and US 11 intersection near Carlisle, PA John B Niesley Auctioneer

THURS JULY 16 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 17 - 9 00 A M Public Sale of Farm Machinery, Some Dairy Equipment, Household Goods, Including some Antiques Located 5 miles south of Tyrone, PA, 3 miles NW of Arch Springs, or 1 mile east of Shelp, PA on the Tyrone Rd Harry C and Dorothy Briggs Owners, Mark Glick Auctioneer

FRI JULY 17 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

ABSOLUTE AUCTION

for "COURTESY FORD" at 300 E. Lea Boulevard, Wilmington, Delaware (just off Gov. Printz Blvd., Route 13, between SEARS and MERCHANDISE MART)
SALE DATE:

THURSDAY, JUNE 18, 1981

at 11:00 a.m.

COMPLETE LIQUIDATION OF AUTO AND TRUCK SERVICE EQUIPMENT, OFFICE MACHINES & FURNITURE, SHELVING, MECHANICS EQUIPMENT, ETC.

AUTO & TRUCK SERVICE EQUIP: 27 mechanics cabinets-work tables w/vises, 5 floor stand grinders, 3 chain hoists, 3 battery chargers, metal cabinets, 7 lockers, 9 floor fans, 2 electric welders, 5 acetylene outfits, carburetor idle adjusting tool, ROTUNDA electronic transistor motor tester, headlight aligner, ROTUNDA diagnostic tester, 2-30 ton presses, K & J floor pull system frame straightner, floor jacks, car stands, ROTUNDA front-end aligner, 2 wheel balancers, overhead lubrication-oil-transmission (air service), air hoses, 4 SIMPLEX time clocks, hand & drum carts, creepers, ROTUNDA diagnostic system & emission analyser, 3 brake lathes, lub. equipment, 2 portable gas pump, SPARK PLUG CLEANER, VALVE GRINDING MACHINE, BATTERY ANALYSER, approximately 20 new car radios & kits, MOTOR VALET M-20V (car washer), portable scaffolding, tire & wheel racks, PAINT SECTION: portable heat lamps, 3 paper dispensers, 2 air-paint guns, 4 air buffers, B&D polisher, PAINT SPRAY BOOTH, music system, free standing large outdoor "FORD" SIGNS.

TRUCK REPAIR DEPT: BEAR heavy duty drum lathe, heavy duty press, hydraulic brake cylinder hone, air-hydraulic GRAY truck scissors jack, 7 WALKER floor jacks, air-hydraulic jack, 10 truck stands, transmission jack, ROTUNDA dual wheel stand, ENGINE BLOCK STAND, 2000 lb. ROTUNDA motor jack (air-hydraulic), 2 heavy duty chain hoists, parts washer, 2 ROTUNDA INGERSOL 20 h.p. air compressors models 440/230V, Intercom, various testers, aluminum ladder, case of American Flags, trash recepticles, V-belts, key machine, key blanks, nuts & bolts in cabinet, fire extinguishers, air regulators.

OFFICE FURN. & EQUIP: 55 Executive-Secretary-Salesmen desks, 150 various chairs, sofas, metal folding chairs, 8 office dividers, 50 metal files (2-4-5 drawers), Library, conference & folding tables, credenzas, bulletin boards, electric room heaters, metal & wood book cases & shelves, 3 service desks, metal office cabinets & card files, rolex files, Victor visable files, 11 electric adding machines, 5 calculators, 6 typewriters (1 electric), check writer, Philco TV set, Film projector & screen, waste baskets, desk top files, holders, staplers, lamps, pictures & frames. PITNEY BOWES #5600 mail machine, 3M-VQC III COPIER, SIMPLEX time clocks, floor chair mats, HEARNE Wilmington map, MOSLER double combination safe, MASTER addresser #407, Intercom system, phone transmission QUIP 1200 series, "ROTUNDA" DATE CODE MACHINE w/2 date card tables (Original cost-$14,000), pneumatic tube system, 2 cash registers.

METAL SHELVING: Approximately 400 SECTIONS of good metal shelving (various sizes some with drawers & compartments-open standard sizes), sheet metal & moulding racks, muffler & tail pipe racks (to be sold in groupings), metal storage cabinets.

INSPECTION: Wednesday, June 17, from 10:00 a.m. until 3:00 p.m., also morning of sale, THURSDAY, JUNE 18, from 9.00 a.m.

TERMS: GUARANTEED FUNDS, Cash or Certified Checks, Travelers, Checks, Bank Letter of Credit with your check, or local approved checks.... Immediate payment at sale, removal same day or Friday from 9:00 until 2:00 p.m., or Saturday from 9:00 until 1:00 p.m.

RUDNICK & MATAS, Auction Associates
P.O. Box No. 1007 (302) 658-7264
Wilmington, Delaware 19899

This information herein was obtained from reliable souces and is for advertising purposes only. Accuracy cannot be guaranteed.

PUBLIC AUCTION

REAL ESTATE, VEHICLES, TOOLS, BUILDING MATERIALS AND HOUSEHOLD GOODS

SATURDAY, JUNE 20, 1981

10 A.M. Sharp

Located on the corner of 4 Pines Rd. & Friendly Dr. Approx. 10 miles South of Lancaster on Rt. 272, go through the Buck intersection and turn left on 4 Pines Rd. Or approx. 4 miles West of Quarryville on 372, turn left on Friendly Dr. just before the Buck intersection. Watch for sale signs.

STONE FRONT SOUTHERN COLONIAL STYLE BI-LEVEL

On approx. 2/3 acre lot. Maintenance free house recently built. Consists of kitchen with nice cabinets, dining room with sliding glass doors going out to a large wood deck, living room with a lovely bay window, 3 bedrooms, 1 full and 2 half baths, family room, laundry, extra room for bedroom or office, 1 car garage. Thermal pane windows with total electric throughout. Chimney with flue for your use. Well and septic system. Very nice landscaped lawn with a garden.

AUCT. NOTE: Don't miss this attractive rural yet convenient setting zoned for a resident office. TERMS - 10% down day of sale, balance at settlement. INSPECTION dates June 6 & 13, 1 p.m. to 4 p.m.

REAL ESTATE WILL BE SOLD AT 2 P.M.

1974 Chevy Blazer; 1973 Chevy ¾ ton Utility truck; 1962 GMC 30,000 G.V.W. Flat Bed Dump; 1969 AMC Limited Edition SC-Rambler.

TOOLS - 32 ft. & 20 ft. Wood Extension Ladders; 32 ft. & 28 ft. Alum. Extension Ladders; 8 ft. Wooden & 5 ft. Alum. Step Ladders; Steel Scaffold; Pole Jacks; 10 ft. Tapco Port-A-Brake with Leg; 10 ft. Tapco Dial-An-Angle Saw Table; Tapco Louver Cutter; David White Builders Level with Tripod; Polyethelene 12' Story Pole; 7¼" Rockwell Builders Saw; many 7¼" Saw Blades; 6¼" Black & Decker Builders Saw; 7¼" B&D Saw; ½" B&D Drill; ½" Milwaukee Whole Hawg; 3/8" B&D Drill; B&D Power Plane; Rockwell Saber Saw; Makita 4" Grinder; B&D Router; Craftsman Miterbox; 48", 30" Wooden Levels; 100 ft. Extension Cords; Hand Saws; Drywall-T Square; Drywall Mixer; Mud Pan; 4 ft. Magnesium Bull Float; 4 ft. Mud Box; Trowels; Edgers; Misc. Drywall & Masonry Tools; 120/240 GENERATOR; Blower Heaters; Mobile Home Heater; Salamander; Side Mount; Tool Boxes; Cross Bed Tool Box; Misc. Carpenter Tools; Bedding chopper; Elect. Heated Water Trough; Wheelbarrow; Yard Roller; Shovels; Rakes; 2 Wheel Cart; 275 gal. Oil Tanks; Sump Pumps; Plastic Pipe; CPVC Pipe & Fittings; Fiberglass Tub & Shower Unit; Toilets; Claw Foot Tub; Electric Panel Boxes; Switches; 30" Range Hood; Fluorescent Lights; Duct Work; Siding; Spouting; Doors; Windows; Snow Fence; Cement Block; Brick; Building Lumber & Plywood; Styrofoam; Misc. Building Materials.

Drawing Board with Sraight Edge; Calculators; Adding Machine; Typewriter; Desks; Office Chair; Filing Cabinet; Electric Pencil Sharpener; Brief Case.

End Tables; Couch; Dresser; 8 Track Tape Player; Turntable; Speakers; TV; Elec. Guitar. Many more items too numerous to mention, not responsible for accidents day of sale, no out of state checks.

Sale By
DAVID MINDER
Wooden Peg Contracting

Sale Conducted By
Gary L. Shirt, Auct. 786-4066
Lloyd H. Kreider

Refreshments Available

PUBLIC SALE

OF 38 ACRE FARM
SAT., JUNE 27th

@ 1 PM

Located 12 miles north of Lebanon. Take Rt. 72 north to Lichtdale, turn left, go 1 mile west to property. From exit 30 on Rt. 81, turn right and go west one mile, Union Twp., Lebanon Co., Pa.

HOUSE: 2½ story log; 1st floor - kitchen, living room, sewing room, lg. utility rm. and full bath. 2nd floor - 4 bedrms, attic insulated, partial basement, oil hot air heat, storm windows, tin roof - house needs some work.

BARN & OUTBUILDINGS: 42' X 82' frame bank barn, 4 feeding stables & corn crib, new barn yard fence; 30' X 120' cement block bldg, set up for started calves, could be used for other purposes, 5 ton metal feed bin; 15' X 30' block & frame storage bldg; New 40' x 70' calf barn, 1 yr. old, fully insulated w/auto. ventilation, manure pit, 104 crate capacity for veal or started calves. Buildings all have tin roofs.

WATER SUPPLY: 2 wells & pressure system.

LAND: 38 acres total, nearly all tillable, soil in high state of cultivation, terrain level.

COMMENTS: Outbuildings are in good condition, farm has a very nice setting off the main rd., lots of old shade trees, all crops in field @ time of settlement are included in this sale.

TERMS: 10% down day of sale, settlement by Aug. 27. For inspection call: HORNING FARM AGENCY, INC. 215-286-5183.

Terms By:
JOHN B. & KATHRYN E. LANDIS
717-865-4329
Thomas P. Harlan, Esq.

Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183

PUBLIC SALE

2-PARCELS OF VALUABLE REAL ESTATE
FRIDAY EVENING, JUNE 19

7:00 P.M.

Location: Just 2 miles south of Lancaster, PA, along the New Danville Pike (Rt. 324) in Lancaster Twp., formerly known as the Cherry Hill Orchard Farm #1.

Part I consists of 1.2 Acres including a well built 2½ story brick, 7 room, 4 bedroom home, 1½ baths, center hallway. 1790 Square feet of living area, front porch, 2-car garage, shrubbery, barn size 80' x 28' plus a 30' x 36' addition; has 1800 square ft. refrigeration fruit storage room, nice sales room, etc. Buildings in good state of repair; slate roofs; macadam around buildings, well of water, septic system. Property offers country living at its best.

Part II consists of 15 acres, 3 acres fronting along Conestoga Creek, remainder in orchard including approx. 1,500 fruit trees of which 80% are cherry; the remainder are plum, apple and pear. This tract has a well and a 3,500 gal. water tower included. There is an additional 9 acres of orchard for lease.

Having been subdivided into 8 lots, this property has many possibilities.

For inspection: On June 6th and June 13th. Phone 464-2233 or 299-5032.

Broker participants invited by contacting the auctioneer prior to sale day. 10% down payment day of sale, balance at settlement on or before Aug. 20, 1981.

Terms by
FRANCIS G. AND CLAUDIA H. MARTIN

Aucts. Carl and John Diller
(717) 464-2233

Public Sales Register

FRI JULY 17 - 6 30 P M Consignment Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales Inc Rt 522 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

SAT JULY 18 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 25 - 1st Annual Benefit Auction by the Hinkletown Mennonite School Quality donated items Located just off Rt 322 along Wanner Road Leon Z Martin, Manager

SAT JULY 25 - 12 Noon Heifer Sale at Solanco Fairgrounds, Quarryville, Pa Sponsored by Solanco Fair Association

SAT JULY 25 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

MON JULY 27 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JULY 31 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI , JULY 31 - 6 30 P M Sale by PA Yorkshire Co-op of Bred Gilts, Open Gilts and Boars at Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273 5880

AUGUST

SAT AUG 1 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

MON AUGUST 3 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

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CONSIGNMENT SALE OF FEEDER PIGS & FEEDER CATTLE
JUNE 19, 1981
6:30 P.M. Sharp

Held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles east of Middleburg, 5 miles west of Selinsgrove, PA.

Early consignments appreciated.
Bring a load - buy a load.

For Information Call:
717-837-2222 — 717-524-5285 — 717-966-2856
Terms: Cash, Restaurant Open.

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522, RD #3, Middleburg, PA
DON & WALT KEISTER
Owners

Auctioneers:
Ray Long & Dave Imes

LEE B DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
1 S Pillow Pa 17080
6004

PUBLIC SALE
THURSDAY, JUNE 25
5:00 P.M.
Located on Route 225 in the borough of Berrysburg, Pennsylvania.

ANTIQUES & COLLECTIBLES

3-Pc. Walnut White Marble Top Bedroom Suite with High Bed; Walnut Wash Stand with White Marble Top and Back; (2) Square Walnut White Marble Top Stands; 3-Pc. Victorian Living Room Suite; Finger Carved Victorian Sofa; Walnut Candle Stand; Brass and Marble Stand; Mahogany China Cabinet; Plank Bottom with Repro Decoration; (5) Barroom Chairs; 4-Legged Dropleaf Table; Mahogany Server; Rosewood Fire Screen with Belgian Needlework; Child's Plank Bottom Captain's Chair; Victorian Carved Gent's Chair; Walnut Scrolled Doll's Cradle; Walnut 14-Drawer Chest of Drawers Repro); Oak Country Bin, Refinished; Misc. Wooden Doors; Crock with Cobalt Blue Decoration (chip); Hanging Pottery Salt Crock with Cobalt Blue Decoration; Blue Pottery Milk Pan; 3-Gallon Weaver & Son's Jug; Marble Rolling Pin; Lg. Print of Civil War Soldier's Homecoming; Civil War Soldier Tin Type; Pitcher and Bowl Sets; Pr. of Roseville Bookends; Souvenir Postcards of Elizabethville and Negro Postcards; Chinese Oriental Bronze Lamp Base; Mexican Throw Rug; Screw-Top Powder Horn (top missing); Sm. Weaver & Son's Jug; Bottle with Original Label "Weaver Whiskey"; Mettlach Adv. Mug "Drink Hire's Root Beer"; Milk Glass Cake Stand and Lacy Edge Open Compote; Asst. of Pattern Glass (King's Crown, Strawberry, Etc.); Carlsbad China Plates; Crossed Swords Meissen China Plate; (2) Cut Glass Water Pitchers; Asst. of Blue Plates; Leed's Platter; Gaudy Welsh Milk Pitcher; Kerosene Lamp; Etc.

CANCELLED

RUGS

NEW ORIENTAL-TYPE RUGS AS FOLLOWS: 6'x9' Blue Chinese Pattern, 100% Wool, Made in Belgium; 10'x13'6" Avestan Pattern, Kirman Blue, 100% Wool; 8'3"x11'6" Avestan Pattern, Kirman Blue, 100% Wool.

HOUSEHOLD ITEMS

Chopping Block; (2) Vinyl Upholstered Sm. Wing Chairs; Lazy-Boy Recliner; Eureka Canister Vacuum Cleaner with Power Nozzle; Metal Office Desk and Swivel Desk Chair; Box Springs and Mattress; Misc. Books; Asst. of Hand and Garden Tools; Etc.

NOTE: THE MAJORITY OF THE ABOVE-MENTIONED ITEMS ARE NEW OR IN LIKE-NEW CONDITION.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

GENE R. BOAK
OWNER
Dockey & Dockey, Auctioneers
Deppen, Apprentice

PUBLIC SALE
OF MOUNTAIN LAND
SATURDAY, JUNE 20
3:30 p.m.
Located in central Penna., Snyder Co.

Tract #1 - 10 A.
Trace #2 - 3 A.
Located along Shade Mt., water on both, easy access to state forest lands.

For brochures contact Aucts.

LONG BROS., AUCTS.
R.D.1
PORT ROYAL, PA 17082
717-527-4458

PUBLIC AUCTION
THUR., JUNE 18, 1981
6:00 P.M.

COMPLETE LIQUIDATION OF KARL H. SANGREE EXCAVATING

John Deere JD1010 with Backhoe 24 inch Bucket, Gas, Front End Bucket 3/4 Yard 6 Ft. Bucket.
International Loadstar 1600 Single Axle Dump with 3 Yard Dump Box, 4 Speed Trans. & 2 Speed Rear 800:25:20 Tires 19,000 GVW.
International TD6 Dozer with Diesel Powered Engine.
3-Axle Low Boy Trailer 14 inch Tires with 18 Ft. Bed and Electric Brakes.
Pacer 8 Ft. Drag Paver Model 812 H with Heat.
Meyer 9 Ft. Snowplow Blade.
Chevrolet Viking Single Axle Dump 6 Cycle Engine with 10 Ft. Narrow Box, Not currently Inspected.
Miscellaneous Tools, Hand Tools, Etc.

SALE SITE: West Main Street, Jonestown, Pa., Lebanon Co. (West Main Street, Jonestown at Swatara Creek Bridge. See Signs.)

TERMS: CASH OR GUARANTEED FUNDS. INSPECTION OF EQUIPMENT - One week prior to sale date at sale site.

Ebersole & Shoop, Auctioneers
(717) 867-4487 — (717) 534-2030

PUBLIC SALE
OF BAHN AUTOMOTIVE REAL ESTATE & NEW AUTOMOTIVE SUPPLIES
THURSDAY, JUNE 18, 1981
10:00 A.M.
22-26 State St., York, Pa.
REAL ESTATE 12:30 P.M.

Large brick and stucco warehouse at 22-26 State St., containing 3 floors, gas fired hot water heat, sewer, approximately 12,500 sq. ft. of space with 4 offices, private parking area to the rear of property. This property could be used for many purposes. For inspection of real estate phone: 845-9168 - Mike Bahn.
Real Estate offered for sale by Mike Bahn.

New Automotive Supplies
$75,000 Retail

Automotive Electrical supplies, plugs, points, condensers, wire, etc., new Blue Chip water pumps, large assortment of Gates belts, B.W. power steering pumps, A.C. head lights, Gates radiator & heater hose, B.W. carburetor kits, C/R oil seals, spark plugs, battery cables, starting fluid, Wix oil & air filters, hose clamps, brake shoes, gaskets, new motor mounts, file cabinets, water cooler, typewriter, metal desk and chair, metal & wood shelving.
This is only a partial listing, many more Automotive Supplies.
TERMS: CASH OR GOOD CHECK

By:
THE YORK BANK & TRUST CO.
AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa.
764-6412

PUBLIC SALE
INVENTORY REDUCTION OF REAL ESTATE & OFFICE EQUIP. & SUPPLIES
FRIDAY, JUNE 19, 1981
9:30 A.M.
Drawbaugh Office Supplies
541 W. Market St.
York Pa.
REAL ESTATE 1:00 P.M.

(1) Warehouse & Showroom contains 3960 sq. ft. 1st floor w/2 apartments w/5 rooms & bath each on 2nd floor at 541 W. Market St., gas heat central air, sewage & water.
(2) 547 W. Clark Alley Warehouse, 2 floors having 3125 sq. ft. of storage space.
(3) 543 Clark Alley house having 3 rooms on 1st floor, 3 rooms & bath on 2nd floor, asbestos siding & small yard.
(4) 548 W Clark Alley house, 3 story having 8 rooms & bath.
Real Estate 10% Sale day Balance in 60 days.

AUTOMOBILES & TRUCKS
12:30 P.M.

1974 Hornet Wagon
1974 Lincoln Mark IV
1970 Ford Econoline Van
1969 Chev Step Van

OFFICE EQUIPMENT 9:30 A.M.

Adding machines, typewriters, office paper, file cabinets, files, folding chairs, greeting cards, metal shelving, office tables, desks, copy supplies, cleaning fluids, clothes racks, stands, & all types of office supplies This is only a very small portion of what we have to sell.
AUCTIONEER NOTE: This is only a Inventory Reduction Sale & Drawbaugh Office Supply is not going out of business, they plan to move in to a smaller facility.
TERMS: CASH OR GOOD CHECK

DRAWBAUGH OFFICE SUPPLIES
AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa.
764-6412

SALE
MARLU FARM
825 Newman Springs Road
(County 520)
Lincroft, NJ 07738
201-741-1920
Saturday, June 27, 1981
1:00 p.m.
55 Head - Half each cows and heifers.

BUS TRANSPORTATION to MARLU FARM SALE

LEAVING FROM EAST TOWNE MALL - RT 30 LANCASTER, PA.
BUS LEAVES: 8:00 A.M.
FEE: $2.00

SEND RESERVATION FEE OF $2.00 to:
DEADLINE JUNE 19, 1981

JERRY SKILES
R.D. 2
NARVON, PENNSYLVANIA 17555
PHONE 717-768-3545

NAME: _____

ADDRESS: _____

PHONE: _____ AMOUNT ENCLOSED _____

NO HERD IS GREATER THAN THE FOUNDATION UPON WHICH IT IS BUILT

MARLU FARM
LINCROFT NJ 07738
MAURICE POLLAK Owner
Gerald R Hall
Herd Manager
Telephone Code 201 741-1920

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI AUG 7 - Perry Co Princess Promotional Sale Sponsored by Perry Co Holstein Club Kling's Auction Service, Mgrs, Landisburg PA

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 Little Kutztown Fire Co Consignment Sale 2 miles north of Myerstown, Lebanon Co Local Auctioneers

MON AUGUST 17 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman, owner

THURS AUG 20 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI AUG 21 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selingrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

FRI AUG 21 - 6 P M Arnold's 19th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717 273 5880

MON AUGUST 24 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers

MON AUGUST 31 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

SEPTEMBER

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS SEPT 10 Dispersal of Holstein Dairy Cattle Directions take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, and Paul E Martin, Auctioneers

REAL ESTATE AUCTION
TUESDAY EVE., JUNE 23, 1981
6:30 P.M.

Located in Perry County, Juniata Twp., 2 miles West of Little Buffalo State Park on Little Buffalo Rd. #431 and Cold Storage Road (Legislative Rd. 50005), 1 mile South of Skyline Corner.

142 Acre Farm, more or less, wooded & open, with over a mile of Road Frontage; Frame House. Little Buffalo Creek flows through the property

"Unlimited Development Potential" - Recreational Real Estate - Permanent Home Site.

Farm will be divided into parcels, consisting of Approx. 6 Acres with house; balance will be from approx. 12 to 35 Acre parcels. (All with road frontage).

Contact Kling's Auction Service for more information.
Telephone (717) 789-3883

Owners:
ROGER T. GREEN
(814) 692-8576
BARBARA G. REIDLINGER
(717) 921-2441
(717) 921-2722

Good's Auction
111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

BROOKS END AND PAR-KAY FARM
SIXTIETH ANNUAL SUMMER SALE
FRIDAY, JUNE 19
1:00 P.M.
At the Farm • Beavertown, Pa.

IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire Sows.

260 head of SCOTCH & IRISH and other foreign bloodlines
• New Bloodlines on Each Sale
YORKSHIRE — LANDRACE

Born and raised on our farms from our parent imported stock.
100 ☆ **BRED GILTS** - most of which carry Scotch or Foreign Blood Litters.
50 ☆ **YORKSHIRE** - Many carry Scotch litters.
50 ☆ **LANDRACE** - All carry Scotch or Foreign Blood Litters.
50 ☆ **BOARS**
30 YORKSHIRE - New Scotch Bloodlines as well as Irish and American Bloodlines.
20 LANDRACE - All 100% SCOTCH, IRISH or other foreign blood.
100 ☆ **Commercial Open Gilts - Mostly Irish & Scotch blood. Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stocks.**

CERTIFIED BRUCELOSIS FREE & PSEUDORABIES FREE.
Health Charts Sale Day For Entry Into Any State.

1980 SETS NEW RECORDS
NEW FIRST PLACE
TEST STATION WINNERS

Our breeding wins at both Penna. and Delaware Test Stations. Richard Miller, York County was the Penna. winner with 4 boars sired by Alpine.

Leon Arnold, Lebanon County, was the Delaware Station winner. His boars were sired by Explorer. Each of these sires were purchased from Brooks End Farm. Feed conversion on the Alpine pigs was 2.4 Feed conversion on the Explorer pigs was 2 2 A perfect example of how it works for others when they buy tested stock from us.

Our Latest Big Winner - 1981 PA Farm Show Reserved Landrace Bred Gilt

Owners:
RENO & PARK THOMAS & MARK STEHR

RENO	PARK	MARK
717-658-5821	717-658-6544	717-658-7007
717 658-7304	717-658 6702	

Catalogs Available
Mike Jones, La Grange, GA, Auctioneer

June is Dairy Month

COMPLETE HOLSTEIN HERD DISPERSAL OUT OF CONNECTICUT
52 COWS AND HEIFERS

TUESDAY, JUNE 23, 1981
8:00 P.M. D.S.T.

SMOKETOWN QUALITY DAIRY SALES CO., 5 miles East of Lancaster - 5 mi. West of Intercourse, Route 340.

There are 44 calfhood vacc. cows in this herd. They are all home raised but 2 cows. Average age is 5 yrs. 3 m. They were never overfed. No silage, and had poor hay, 16% feed. Good rough bone cows with good udders will improve everyday you have them. Cows averaged 52 lbs. per day with 3.9 test to 4% test. Cows fresh 30 days and within the week. They are bred for Summer and Fall freshening. 20 cows due from June to Dec. Some cows due July to Aug. are still milking 40 lbs. per day. This is an Eastern bred herd. This man was never on DHIA. This is a good working herd of cows, that made this man money. This dairyman would not have dispersed his herd if it wasn't that he had a hip operation. Any dairyman just starting that needs a good group of cows or improve your herd, take time for this dispersal, 45 out of 52 are the right kind.

Also selling - Reg. Cow, Born 8-19-77 - Sire Whitter Farms Apollo Rocket - Bred to Comant Acres Tex - due July.

Sire - Maple Garry Emperor

Sire - Cotterdale Astronaut King. 2 yr. 4 m. 288d 11,710m 3.5T 408F 3 yr. 3 m 275d 14,150m 3.8T 532F 4 yr. 3 m 305d 15,400m 3.6T 557F. Dams - 3 yr. 10 m. 288 d 15,380m

Grade Heifer born 11-16-78. Sire - Rippchen Born Nick - Bred to Murmac Round Oak Promis Wallie. His sire was elevation. Dams records 2 yr. 5 m to 4 yr. 9 m - 305d 17,883 to 19,746m

2 Grade Holstein Bulls. Sire Snowman. Dam Astronaut Breeding 305d 23,240m 1,061F 4.8T

Sire Standout Job. Dam - Arlinda Chief - 305d 21,407m 4.1T 877F.

Cash or good check night of sale

Sale by
HELEN & GORDON W. FRITZ & JOHNNY, JR.
717-393-0930

Paul Snyder and
Carl Diller - Auctioneers
Henry Kettering - pedigrees

Lunch - Bird-in-Hand Auxiliary

LAND AUCTION
500± ACRES
Auction subject to confirmation.

3 SHOWPLACE FARMS

As 5 parcels. Combination. Or entirety.

Farm #1

212± Acres (170 tillable)
In 3 parcels

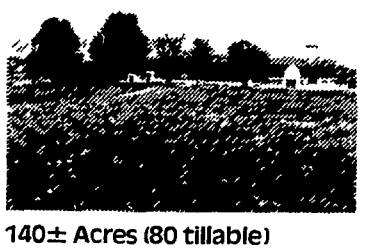
Stone house—Farm #1

With 2± Acres

Farm #2

147± Acres (100 tillable)

Farm #3



140± Acres (80 tillable)

AUCTION DATE:
Wednesday, July 15th, 1981, 1 30 p m
Inspection (Saturday) June 20, 27, 1-4.30 p m
Located: 1 mile north of Exit 17, I-81 and US 11 intersection, near Carlisle, Pennsylvania.

For more information, brochure call or write

JOHN B. NIESLEY BROKER-AUCTIONEER
32 W High St.
Carlisle, PA 17013
717/249-8787

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
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ATTENTION FARMERS & DAIRYMEN

4-D Cattle Service. We use down, disabled, crippled cows or cows with calving problems.
Slaughtered under federal inspection
Prompt payment & prompt service
Call anytime
717-272-6848
ask for Barbara

Public Sales Register

Closing Date - Monday, 5.00 P.M. of each week's publication

MON. SEPT 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

THURS. SEPT. 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT SEPT. 19 - 6 30 P.M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON SEPT 21 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS, SEPT 24 - Public Auction of 102 acre limestone farm Take Rt. 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt. John E and Paul E Martin, Auctioneers

MON SEPT 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

OCTOBER

THURS OCT. 1 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer.

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON. OCT 5 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON OCT. 12 - 2 P M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M. Lehman, owner

THURS. OCT 15 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT. OCT 17 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 19 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON. OCT. 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

NOVEMBER

MON NOV 2 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI NOV 6-6 P M Arnold's 20th Production Sale of Bred Gilts, Open Gilts, and Boars at the Lebanon Fairgrounds, Lebanon, PA For info contact Leon Arnold 717-273-5880

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

THURS NOV 19 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS NOV 19 Public Auction of Full Line of Farm Equipment Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E. and Paul E Martin, Auctioneers

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 23 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV. 30 - 2 P M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

DECEMBER

FRI DEC 4 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer.

MON DEC 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md. 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

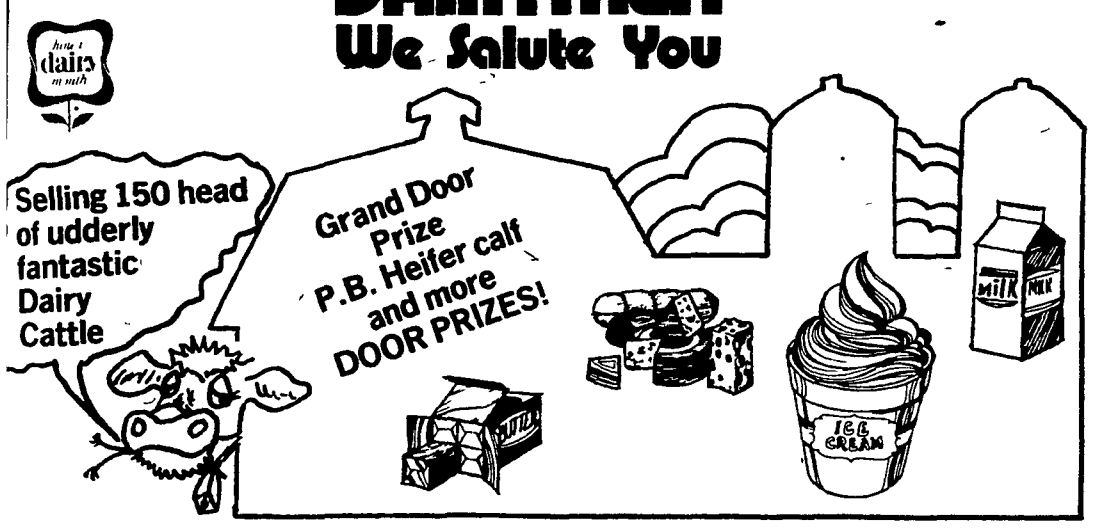
SAT DEC 19 - 6.30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M Lehman, owner

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.


DAIRYMEN
We Salute You
Selling 150 head of udderly fantastic Dairy Cattle
Grand Door Prize P.B. Heifer calf and more DOOR PRIZES!
MILK
ICE CREAM

MARYLAND JUNE DAIRY MONTH SALE

THURSDAY, JUNE 18, 1981
7:30 P.M.

MEL KOLB, INC.

At my Maryland Farm located ½ mile northwest of Woodsboro, on Rt. 550 in Frederick County.

150 Head of Dairy Cattle 150

★ 75 Purebred cows, some with records and pedigrees. All hand picked especially to help our farmer friends at the Maryland Sale.
★ 25 of these will be first calf heifers.
★ 50 aré big fancy grade heifers.
★ 25 real top grade cows that will milk up to 100 lbs.
All these cows and heifers will be just fresh to springing, ready to freshen June or July.

SPECIAL MENTIONS

Four extra good 1st calf Purebred heifers picked from one of the top herds in Maryland.

A 2 yr. old, Fresh 5/25/81, **ENG-AMER IVANHOE JERRY** dau. from a **DELATI ALSTON GERRI MARTIN** dau., as 3-8 332d 16,420m 4.4% 733f;

A 2 yr. old **FRANLANE BLACK KNIGHT** dau., fresh 5/20/81 from **DUNCRAVIN BOEHMS COUNTDOWN** dau., as a 2-1 341d 19,310m 643f, this year she milked up to 111 lbs. for tester, next dam **ROUND OAK RAG APPLE ELEVATION** dau.;

Two (2) 2 yr. old Grand daus. of **PAWNEE FARM ARLINDA CHIEF.** One (1) fresh 5/8/81 from **MD GAYWIND MERRY KING** dau., as 4-5 307d 18,140m 4.1% 736f;

Number two daughter, fresh 5/21/81 from **ARLINDA JET STREAM TWIN** dau., as 2-3 280d 14,910m 4.0% 603f, next dam **PACLAMAR ASTRONAUT** dau. as 6-6 321d 16,930m 3.8% 642f.

Purebred Heifer Calves will be sold.
Plus, a few stock Bulls

We really try to pick the very best from high producing herds in a variety of states.
All cattle are T.B. & Blood Tested & checked by licensed Veterinarian before the sale.

****Every cow is recommended as she is****

Terms: Cash or Good Check on Sale Day. **Not Responsible for accidents.**

MEL KOLB

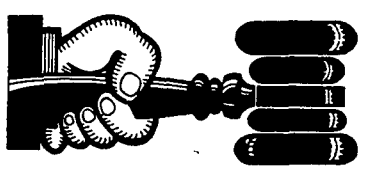
Free Transportation for Lancaster County Amish. Please call before 2:00 on June 18th to arrange to be picked up. 717/569-2106 or 569-6800.

Thomas Miller, Manager
11342 Cragerstown Road
Woodsboro, MD 21798
301/898-7720

Dennis Kolb, Manager
2220 Dairy Road
Lancaster, PA 17601
Ph: 717/569-2106 or 6800

Robert C. Mullendore-Auctioneer
Henry Kettering-Pedigrees
Mehrle Wachter-Clerk

GRAND DOOR PRIZE P.B. HEIFER CALF **DOOR PRIZES...GOOD COWS...GOOD TIMES**



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Livestock, Farm Equipment, Household Goods, Antiques
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717-733-7052

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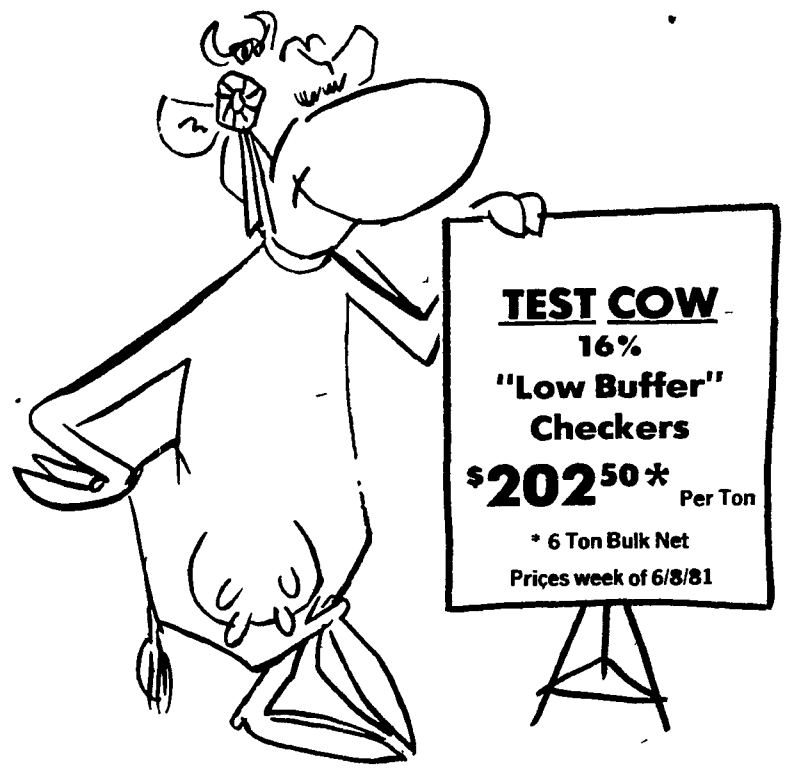

PURINA IS "BEST VALUE"

SOYBEAN + MINERAL + CORN

400 lbs.	48% Soy ($290.00 Ton)	$58.00
1550 lbs.	Shell Corn ($3.90 Bushel)	107.88
50 lbs.	Vitamin & Mineral Mix	26.75
	Buffer Pak	3.20
2000 lbs.	16.1% Dairy Mix	$195.43
	Hammermill	8.35
	Total	$203.78

TEST COW FEEDING GUIDE:

If You Feed
12 lbs. Hay or More . . . . Use 16% Test Cow LB Checkers
7-11 lbs. Hay or More . . . . Use 18% Test Cow LB Checkers
0-6 lbs. Hay or More . . . . Use 20% Test Cow LB Checkers

June is dairy month

WE SALUTE YOU DAIRYMEN FOR YOUR DEDICATION TO OUR HEALTH & WELL-BEING

June is dairy month

PURINA TEST COW COMPLETE MILKING RATION

Balanced, high-nutrient levels for maximum milk production.

Purina research has found a way to provide high-energy levels without sacrificing other essential nutrients.

It comes from an in-depth knowledge of what your cows need. And tough quality control standards that demand top-quality ingredients.

As an added bonus, your cows develop and keep good body condition. You should see fewer health problems. And, strong cows keep milking at top potential, year after year.

PURINA RESEARCH MEANS BETTER DAIRY PROFITS

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717-768-3301
PARADISE, PA 17562

HIGH BROS.
PHONE 717-354-0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717-866-2324
23 N PARK ST RICHLAND, PA 17087

UMBERGER'S MILL
PHONE 717-867 5161
FONTANA, PA 17042

KEYSTONE MILLS
John B. Kurtz
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RD3, EPHRATA, PA 17522

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WEST WILLOW, PA 17583

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BOX 276, RD3
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BERRYSBURG, PA 17005

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA. 19559

FAWN MILLS
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FAWN GROVE, PA 17321
PHONE 717-637-1123
HANOVER, PA. 17331